

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☒OTHER ☒SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

DIAMOND SHAMROCK

3. ADDRESS OF OPERATOR

Drawer E, Vernal Utah 84078 801-789-5270

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1830' FNL 511' FWL Section 5, T9S, R17E, S.L.B. & M.

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

13 miles Southwest of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

511

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

5400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5239

22. APPROX. DATE WORK WILL START*

A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--|
| 12½" | 8 5/8" | 24# K-55 | 250' | Circulate to surface |
| 7 7/8" | 5½" | 15.5# K-55 | T.D. 5400' | Cement will be two staged. Placement of D.V. Tool and quantity of cement will be determined by electrical logs to protect oil shale and fresh waters. |

Drill 12½" hole to approximately 250' set 8 5/8" casing, set up BOP
as required and pressure test. Drill 7 7/8" hole to approximately
5300' if production is found feasible set 5½" production casing.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and direction of new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE District Superintendant

DATE 9/17/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

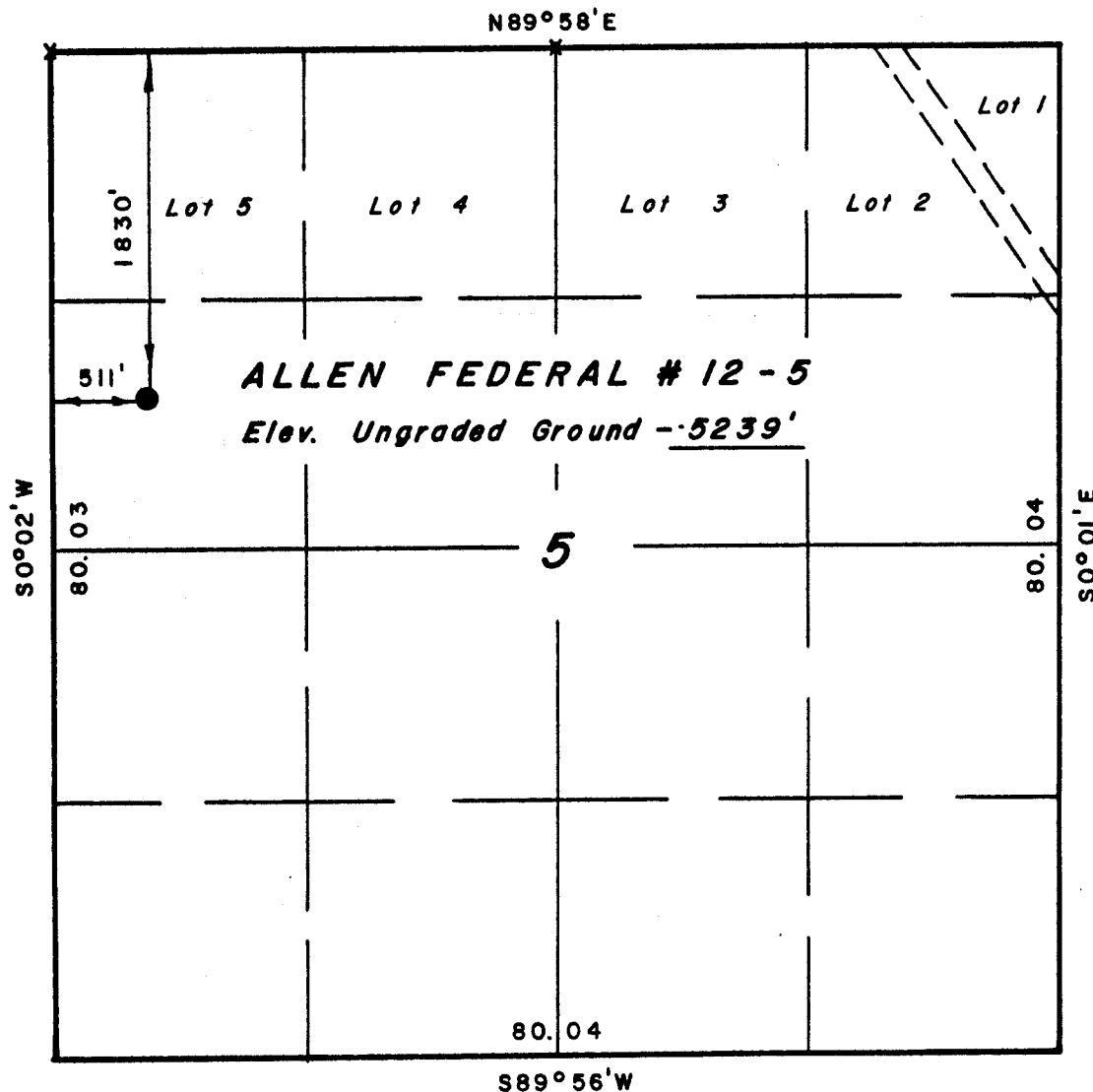
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10/1/81

BY: [Signature]

T 9 S , R 17 E , S.L.B.&M.



X = Section Corners Located

PROJECT

DIAMOND SHAMROCK CORP.

Well location, **ALLEN FED. #12-5**, located as shown in the SW 1/4 NW 1/4 Section 5, T 9 S, R 17 E, S.L.B.&M. Duchesne County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

| | |
|-------------------------|--------------------------|
| SCALE 1" = 1000' | DATE 9 / 2 / 81 |
| PARTY G.S. B.J. S.B. | REFERENCES G L O Plat |
| WEATHER Clear & Warm | FILE DIAMOND SHAMROCK |

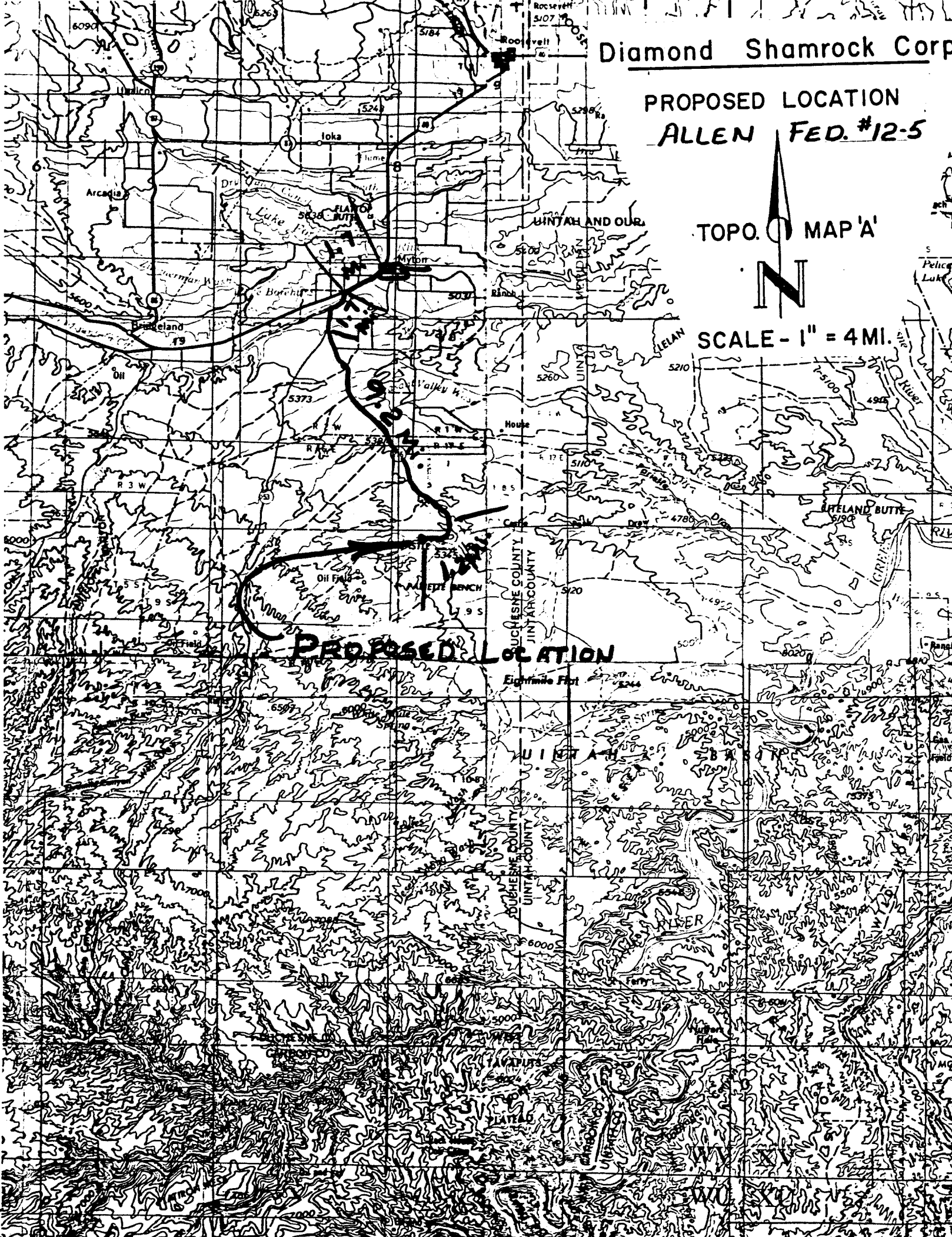
Diamond Shamrock Corp

PROPOSED LOCATION
ALLEN FED. #12-5

TOPO. MAP 'A'



SCALE - 1" = 4 MI.



1. GEOLOGICAL NAME OF SURFACE FORMATION

(A) Uinta Formation of Eocene Age

2. TOPS OF IMPORTANT GEOLOGICAL MARKERS

- (A) Mahogany Top 1546'
- (B) Mahogany Base 3178'
- (C) Douglas Creek V 4894'
- (D) Douglas Creek IV 5041'
- (E) Douglas Creek III 5205'
- (F) Douglas Creek II 5215'
- (G) Douglas Creek I 5225'
- (H) T.D. 5400'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL OR GAS

- (A) Gas anticipated at 2600' in Evacuation Creek Member
(Water or Oil no anticipated)
- (B) Oil & Gas anticipated in Basal Green River Formation
(Douglas Creek at 5400')

4. PROPOSED CASING PROGRAM

- (A) 250' of 8 5/8" surface casing 32# per foot.
5400' of 5 1/2" 15.5# per foot. (K-55)

5. SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

- (A) 12 inch 3000# Double Hydraulic B.O.P. with Pipe Rams and
Blind Rams and Spherical BOP.
- (B) B.O.P. to be pressure tested before spudding and daily testing
of closing units and rams while drilling.

6. PROPOSED CIRCULATING MEDIUM

- (A) Brine water is proposed to be used unless additional weight
is needed to control pressures or heaving shale. In this
event a chemical-gel fresh water mud will be used and Barite
as needed to control pressure.

7. AUXILIARY EQUIPMENT TO BE USED

- (A) Upper Kelly Cock
- (B) Float At Bit
- (C) Floor T.I.W. Valve (stabbing valve) for drill pipe
- (D) Gas Detector Logging Unit

8. TESTING LOGGING AND CORING PROGRAM

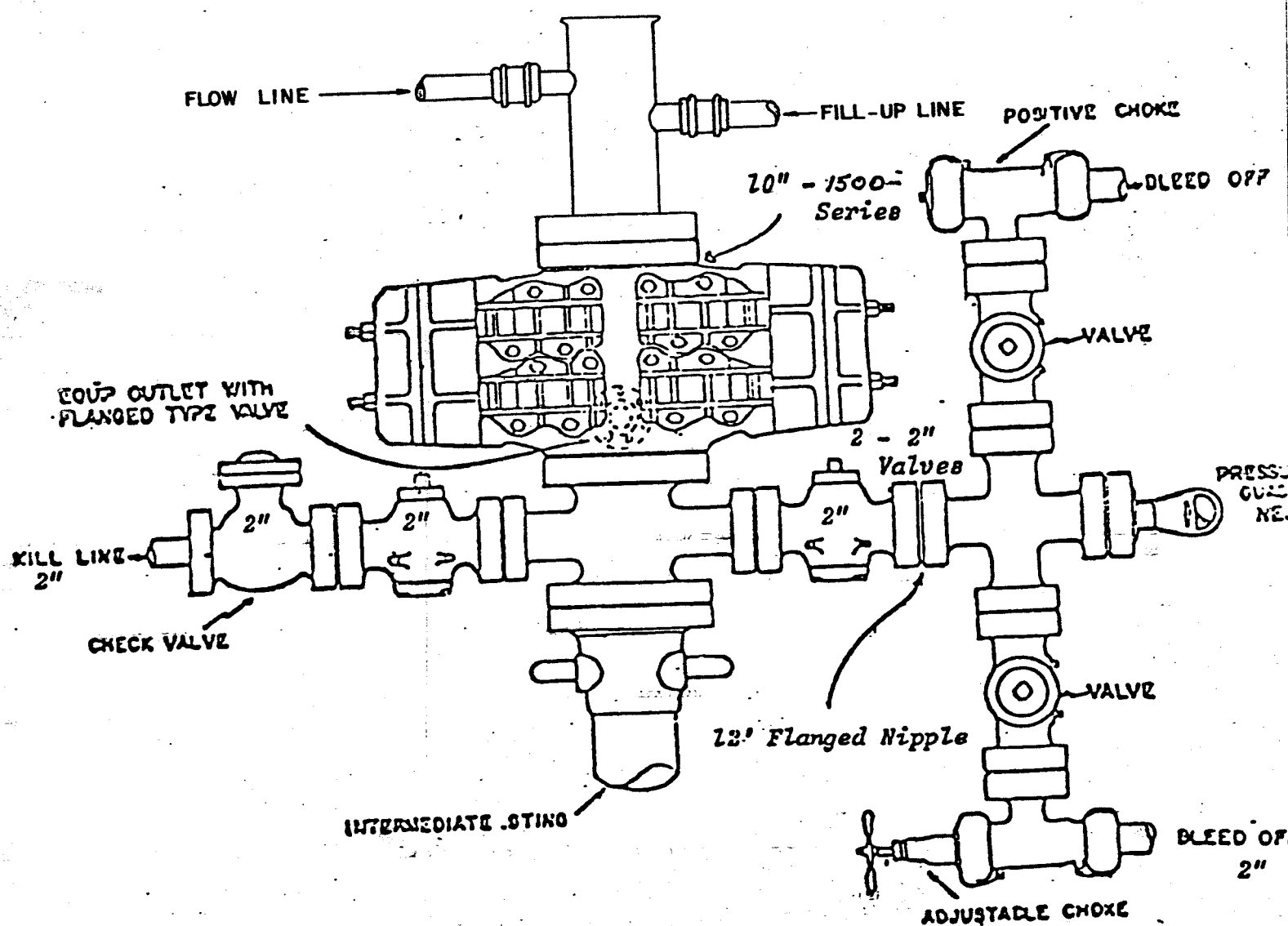
- (A) Drill stem test of Evacuation Creek and Douglas Creek
- (B) Will run dual lateral log, BHC, and CNL-FDC

9. ANTICIPATED ABNORMAL PRESSURES, TEMPERATURES OF HAZARDS

- (A) No abnormal pressures expected
- (B) No Hydrogen Sulfide Gas Expected

10. STARTING DATE AND DURATION OF OPERATIONS

- (A) Anticipated starting date as soon as approvals are made.
- (B) This well is anticipated to be drilled in approximately 30 days.



NOTE: BLOWOUT PREVENTER HAS DOUBLE RAMS;
ONE BLIND AND ONE PIPE RAM.

Diag. A

CEMENTING PROGRAM DESCRIPTION

5½" casing will be run to T.D. as stated in the 10 point plan, part #4, of the Application for permit to Drill NTL-6, utilizing a multiple stage cementing collar at the base of the Mahogany Zone. The productive zones will be covered with cement through the bottom of the 5½" production casing. The multiple stage collar will then be opened and portions of the Mahogany Zone containing Hydrocarbons will be covered with a second stage of cement.

The Placement of the cementing collar and the quantities of cement pumped will be determined after the Electrical logs are evaluated. This procedure will isolate the Douglas Creek Aquifer from both the productive Zones below in the Wasatch and Mesaverde as well as from the Hydrocarbons present in the Mahogany. The upper water zone will be isolated from the hydrocarbon bearing portions of the Mahogany.

DIAMOND SHAMROCK CORPORATION

13 Point Surface Use Plan

Well Location

Allen Federal #12-5

Located In

Section 5, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

DIAMOND SHAMROCK CORPORATION
Allen Federal #12-5
Section 5, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach DIAMOND SHAMROCK CORPORATION, well location site Allen Federal #12-5, located in the SW 1/4 NW 1/4 Section 5, T9S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S Highway 40 - 1.7 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 9.5 miles to its junction with an existing dirt road to the Southwest proceed Southwesterly along this road 0.9 miles to its junction with an existing road to the Southeast; proceed in a Southeasterly direction along this road 0.3 miles to its junction with the proposed access road (to be discussed in Item #2).

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to sandy-clay shale material.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exits to the South; thereafter the road is constructed with existing materials and gravels. The Highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned road leaves the existing road described in Item #1 in the SW 1/4 NW 1/4 Section 5, T9S, R17E, S.L.B. & M., and proceeds in a Southeasterly direction approximately 200' to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this road.

There will be no culverts required along this access road.

There will be no turnouts required along this road.

There are no fences encountered along this access road therefore there are no gates or cattleguards required.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

3. LOCATION OF EXISTING WELLS

There are some existing wells, permitted wells, and wells being drilled within a one mile radius.

There are no known water wells, abandoned wells, shut-in wells or wells for observation or for other resources within a one mile radius.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are existing production facilities belonging to DIAMOND SHAMROCK CORPORATION with a one mile radius.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to existing facilities in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 14.3 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL-SITE-LAYOUT

See attached Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall will be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Duchesne River is located approximately 10 miles to the North of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

DIAMOND SHAMROCK CORPORATION
Allen Federal #12-5
Section 5, T9S, R17E, S.L.B. & M.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Allen Federal #12-5 is located approximately 450' North of Castle Peak Draw a non-perennial drainage which runs to the North & East.

The terrain in the vicinity of the location slopes from the Southwest through the location site to the Southeast at approximately a 7.0% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Elliot
DIAMOND SHAMROCK CORPORATION
85 South 200 East
Vernal, UT 84078

1-801-789-5270

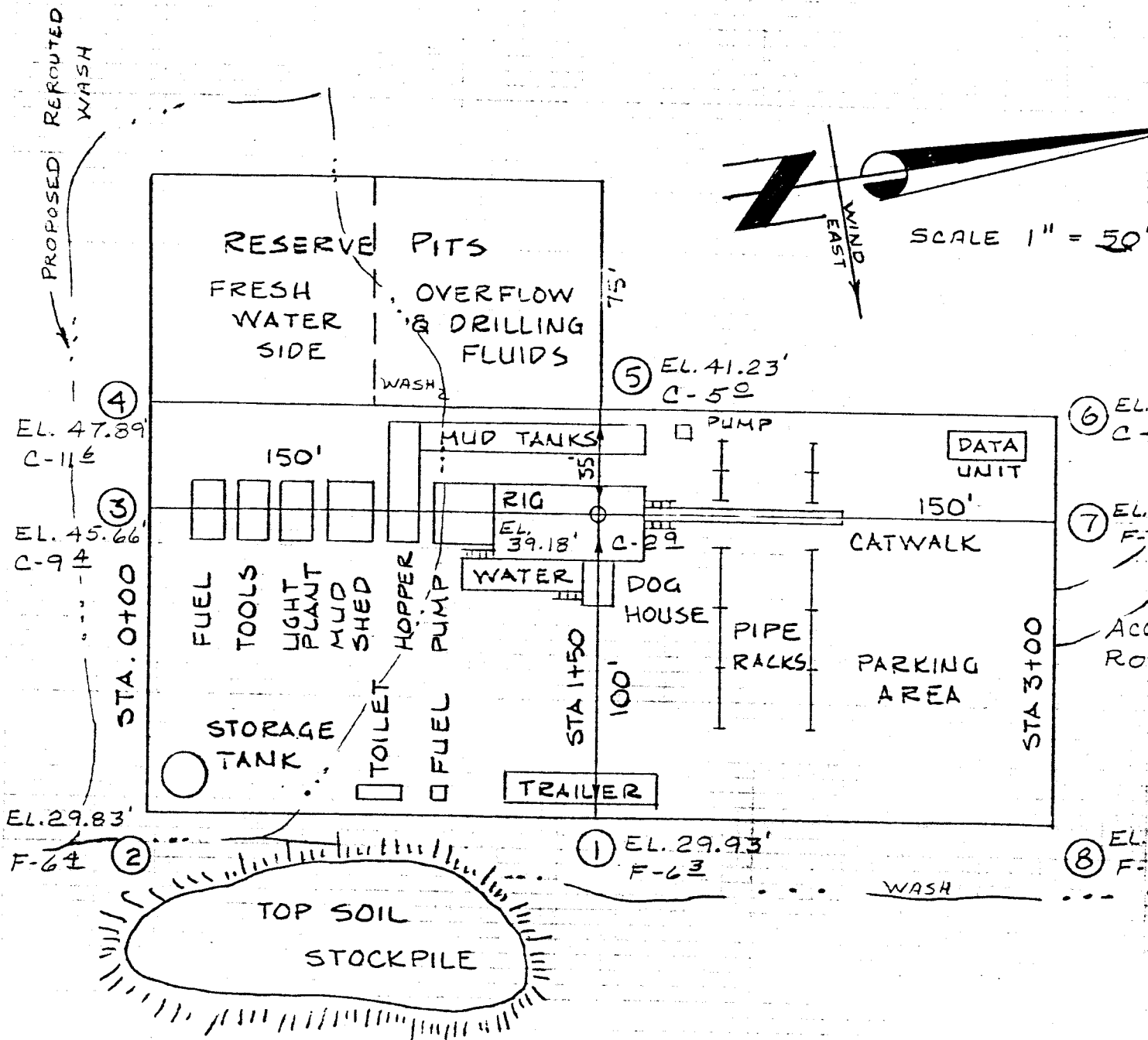
DIAMOND SHAMROCK CORPORATION
Allen Federal #12-5
Section 5, T9S, R17E, S.L.B. & M.

13. CERTIFICATION

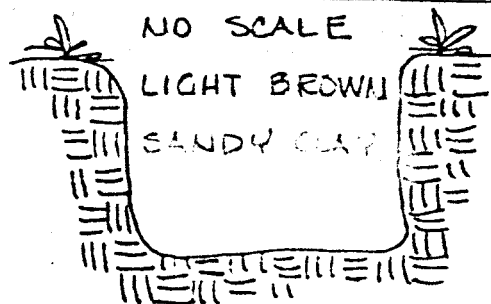
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by DIAMOND SHAMROCK CORPORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

September 15, 1981
Date

Bill Elliot
Bill Elliot



SOILS LITHOLOGY



DIAMOND SHAMROCK CORP.

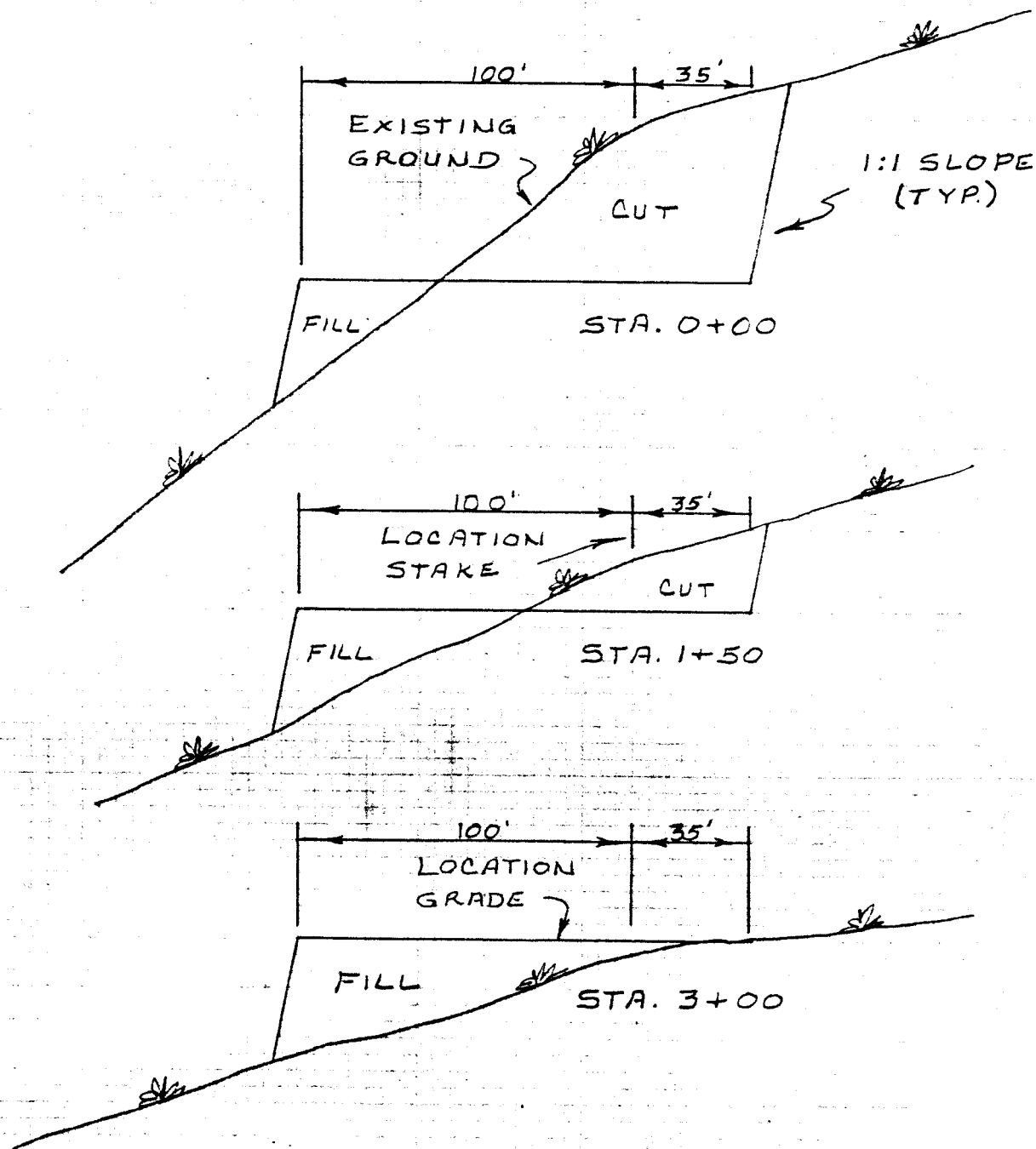
ALLEN FED. #12-5

C
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36.33'
-0'

35.53'
-0'

29.23'
-7°



1" = 10'

1" = 50'

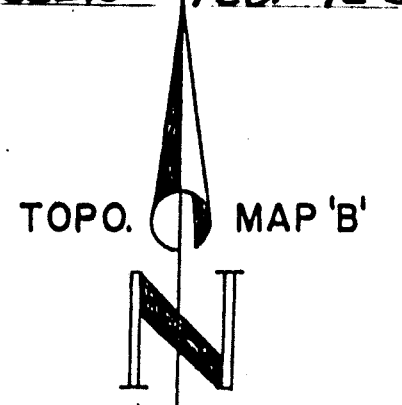
SCALES

APPROX YARDAGES

CUT - 3,101 CU. YDS.

FILL - 2,931 CU. YDS.

PROPOSED LOCATION
ALLEN FED. #12-5



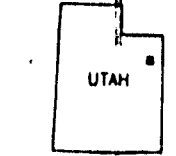
SCALE - 1" = 2000'

ROAD CLASSIFICATION

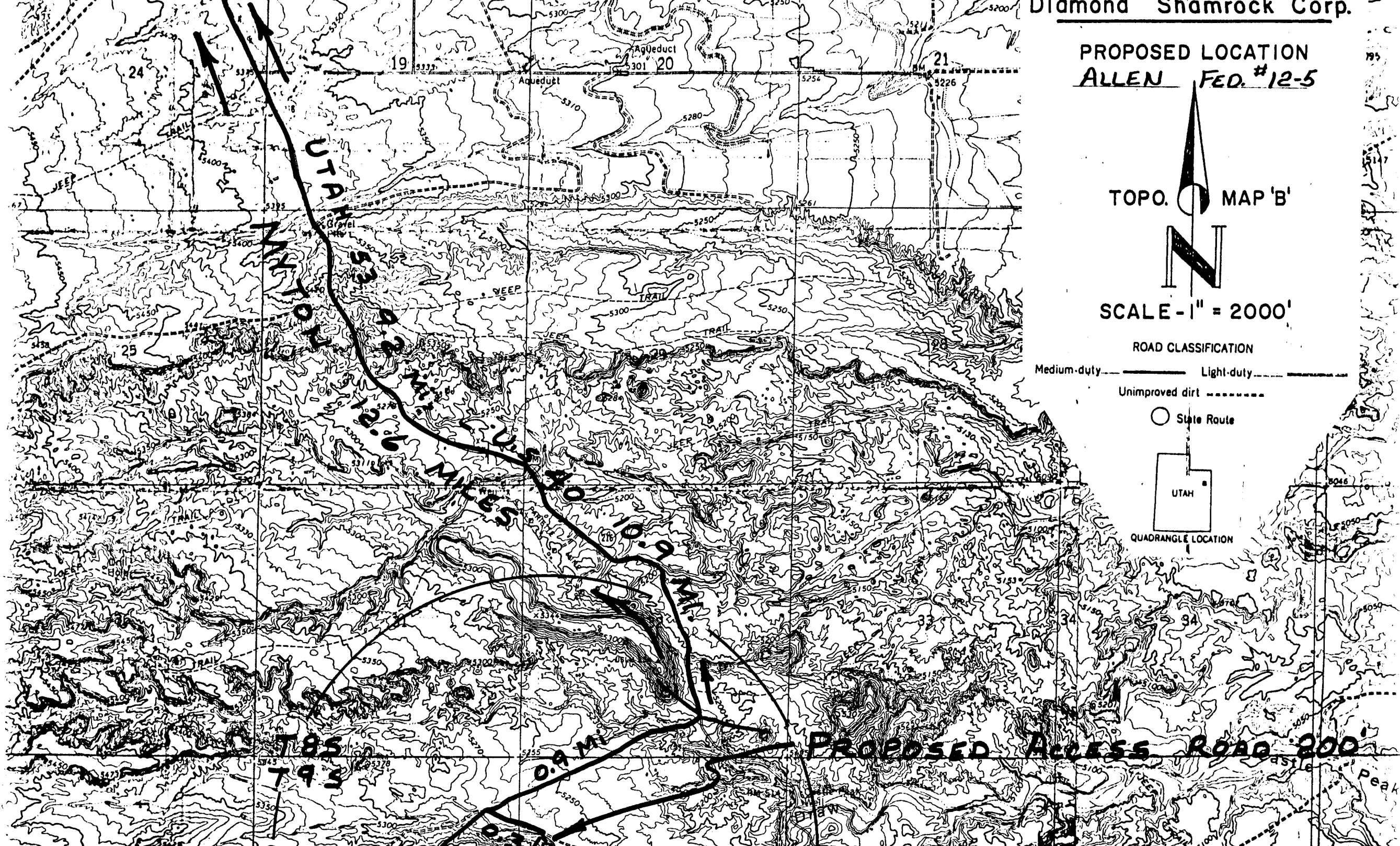
Medium-duty ——— Light-duty ———

Unimproved dirt - - - - -

○ State Route



QUADRANGLE LOCATION



PROPOSED LOCATION
ALLEN FED. #12-5

A topographic map of the Párfedé area. A dashed line runs diagonally from the top left towards the center, with the number '5400' written next to it. A solid line runs horizontally across the middle, also with the number '5400' written next to it. The map shows contour lines and the names 'PÁR' and 'FEDÉ'.

**** FILE NOTATIONS ****

DATE: October 15, 1981
OPERATOR: Diamond Shamrock
WELL NO: adler federal # 12-5
Location: Sec. 5 T. 9S R. 17E County: Duchesne

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-013-30611

CHECKED BY:

Petroleum Engineer: _____

Director: OK As per rule C-3

Administrative Aide: OK As per Rule C-3,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation fed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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WELL ☒OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

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DIAMOND SHAMROCK

3. ADDRESS OF OPERATOR

Drawer E, Vernal Utah 84078 801-789-5270

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At proposed prod. zone

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13 miles Southwest of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

511

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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5400'

20. ROTARY OR CABLE TOOLS

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21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5239

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A.S.A.P.

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24.

SIGNED

TITLE District Superintendent

DATE 9/17/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

FOR E. W. GUYNN

DISTRICT OIL & GAS SUPERVISOR

DATE

OCT 19 1981

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

NOTICE OF APPROVAL

FLARING OR VENTING OF
GAS IS SUBJECT TO NTLAA
DATED 1/8/80

§ Inte 2432

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Diamond Shamrock
Project Type Oil Well
Project Location 1830' FNL & 511' FWL - Sec. 5, T. 9S, R. 17E
Well No. 12-5 Lease No. U-020252
Date Project Submitted September 18, 1981

FIELD INSPECTION Date October 1, 1981

Field Inspection
Participants Greg Darlington - USGS, Vernal
Cory Bodman - BLM, Vernal
Russel Ivie - Diamond Shamrock
Gene Stewart - Uintah Engineering
Floyd Murray - D. E. Casada

Related Environmental Documents: Unit Resource Analysis, Duchesne Planning
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

October 8, 1981
Date Prepared
Greg Darlington
Environmental Scientist

I concur
OCT 09 1981
Date
W. J. Martin
District Supervisor
FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

Typing In 10-6-81 Typing Out 10-6-81

PROPOSED ACTIONS:

Diamond Shamrock plans to drill the Allen Federal #12-5 well, a 5400' oil and gas test of various formations. A new access road of about 400' length will be needed. The reserve pit would need to be shifted north and contoured to lessen impacts to existing topography and facilitate the construction of a drainage diversion as indicated on the layout diagram. It would still be about 75' x 150'. A pad 135' x 300' is also planned for the location. The location is about 10' above the level of nearby Castle Peak Draw^{which is} about 50' to 100' south of the location.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

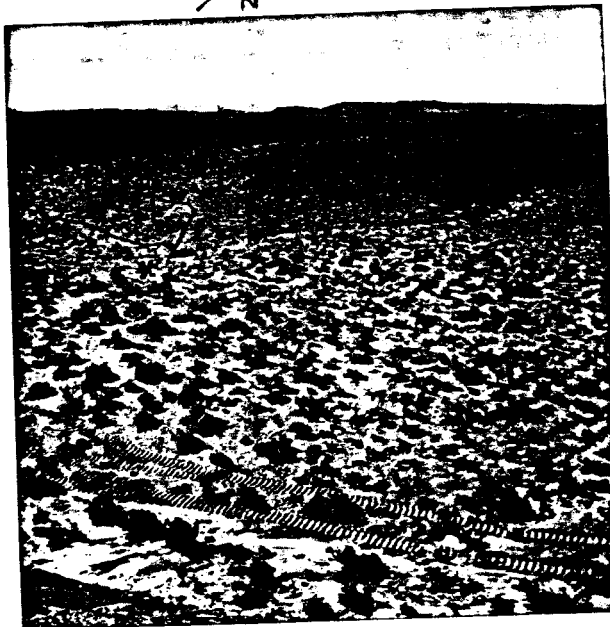
1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

| Criteria | Federal/State Agency | | | Local and private correspondence (date) | Previous NEPA | Other studies and reports | Staff expertise | Onsite inspection (date) | Other |
|---|-----------------------|--------------------|----------------|---|---------------|---------------------------|-----------------|--------------------------|-------|
| | Correspondence (date) | Phone check (date) | Meeting (date) | | | | | | |
| 516 DM 2.3.A | | | | | | | | | |
| Public health and safety | | | | | | | 1, 2, 4, 6 | October 1 1981 | |
| Unique characteristics | | | | | | | 1, 2, 4, 6 | | |
| Environmentally controversial | | | | | | | 1, 2, 4, 6 | | |
| Uncertain and unknown risks | | | | | | | 1, 2, 4, 6 | | |
| Establishes precedents | | | | | | | 1, 2, 4, 6 | | |
| Cumulatively significant | | | | | | | 1, 2, 4, 6 | | |
| National Register historic places | | | | | | | 1, 6 | | |
| Endangered/ threatened species | | | | | | | 1, 6 | | |
| Violate Federal, State, local, tribal law | | | | | | | 1, 2, 4, 6 | ✓ | |

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the Items 1-7.*



*West View of
Diamond Shamrock 12-5*



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY REFER TO

T & R
U-801

October 6, 1981



Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Diamond Shamrock Onsites
T9S, R16E, Sec. 15 Castle Peak #31-15
T9S, R17E, Sec. 5 Allen Federal #12-5
T9S, R17E, Sec. 5 Allen Federal #21-5

Dear Mr. Guynn:

On October 1, 1981, a joint onsite inspection was made of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and travelling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.



7. All permanent (on site for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. This paint is available through Republic Supply Co. in Vernal, Utah. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
8. At location #12-5, the topsoil will be placed at reference point #6. Also, the west corner of the pit will be rounded, so as to stay away from the drainage.
9. At location #31-15, the topsoil will be placed between points 1 and 8.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph Heft
Area Manager
Diamond Mountain Resource Area

cc: ✓USGS, Vernal
Diamond Shamrock

Bry

FROM : DISTRICT GEOLOGIST E, SALT LAKE CITY, UTAH.

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-020252

OPERATOR: Diamond Shamrock Corp.

WELL NO. 12-5

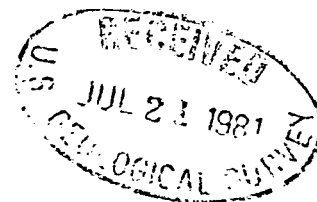
LOCATION: ~~NE 1/4 SE 1/4 110~~ ^{SW NW} sec. 5, T. 9S., R. 17E.,Duchesne County, Utah

1. Stratigraphy:

Uintah-Surface

Green River 1130'

Douglas Creek 4700'

TD 5400'

2. Fresh Water:

Fresh to usable H₂O possible in Uintah and Green River Sandstones

3. Leasable Minerals:

Oil shale in Green River, Mahogany zone at approx. 2800'

Gparcher expects gas at ~2600'; oil & gas @ 5400'

4. Additional Logs Needed: Adequate - log to top of Green River for oil shale

5. Potential Geologic Hazards: None expected

6. References and Remarks:

USGS Files

" " maps OM-171, MF-797

October 20, 1981

Diamond Shamrock
Drawer "E"
Vernal Utah 84078

RE: Well No. Allen Federal #12-5,
Sec. 5, T. 9S, R. 17E,
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001


Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30611

Sincerely

DIVISION OF OIL, GAS AND MINING


Cleon B. Feight
Director

CBF/db
CC: USGS

NOTICE OF SPUD

Caller: Chuck - Diamond Shamrock

Phone: _____

Well Number: 12-5 Allen Federal

Location: SWNW 5-9S-17E

County: Duchesne State: Utah

Lease Number: U-020252

Lease Expiration Date: _____

Unit Name (If Applicable): N/A

Date & Time Spudded: 1:00 P.M. Nov 11, 1981

Dry Hole Spudder Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) _____

264' 8 7/8 casing

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: within 1 week

FOLLOW WITH SUNDRY NOTICE

Call Received By: Arlene

Date: Nov 17, 1981

Will file

cc: *Vernal*
St. Air - Gen
DSD
TAM
APD Control

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well
2. NAME OF OPERATOR
Diamond Shamrock Corporation
3. ADDRESS OF OPERATOR
5730 W. Yellowstone Casper, Wy. 82601
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1830' FNL, 511' FWL SW/NW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐

(other) Notice of Spud

XX

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is conventionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Moved in Western Rig #1 (spudder rig) on [REDACTED] and set 264' of 8 5/8", 24#/ ft. surface casing. Will move in a rotary rig when one becomes available.

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles H. Wilson TITLE Drilling Engineer DATE 11-17-81

(This space for Federal or State office use)

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-020252-A
Communitization Agreement No. NA
Field Name Monument Butte
Unit Name NA
Participating Area NA
County Duchesne State Utah
Operator Diamond Shamrock Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 81

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|--|
| 12-5 | 5SW/NW | 9S | 17E | DRG | | | | | Allen Fed. 12-5 11/16/81 - Spudded @ 1:00 P.M. & drill to 265'. Set 8 5/8" casing. Set @ 265' K.B. Cement with 200 sxs. Released Rig. 11/17/81 - 11/25/81 - WORT |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|--------------------------|-------------------------|--------------------|--------------------|
| *On hand, Start of Month | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | | | |
| *Sold | | | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | | | XXXXXXXXXXXXXXXXXX |
| *Injected | | | |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | |
| *Other (Identify) | | | |
| *On hand, End of Month | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | | | XXXXXXXXXXXXXXXXXX |


Authorized Signature: [Signature] Address: 5730 W. Yellowstone, Casper, Wyoming
Title: Dist. Drlg. Supt. Page of

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICAT

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| | | | | | | | | | | | |
|--|--|---|--|------------------------------|--|-----------------------------------|--|---|--|---|--|
| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ | | | | | | | | | | 5. LEASE DESIGNATION AND SERIAL NO. U-020252 | |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ | | | | | | | | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR Diamond Shamrock Corporation | | | | | | | | | | 7. UNIT AGREEMENT NAME Allen Federal | |
| 3. ADDRESS OF OPERATOR 5730 West Yellowstone, Casper, Wyoming 82601 | | | | | | | | | | 8. FARM OR LEASE NAME | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,830' FNL 511' FWL SW/NW At top prod. interval reported below At total depth | | | | | | | | | | 9. WELL NO. 12-5 | |
| 14. PERMIT NO. 43-013-30611 DATE ISSUED 10-21-81 | | | | | | | | | | 10. FIELD AND POOL, OR WILDCAT Monument Butte | |
| 15. DATE SPUNDED 11-11-81 16. DATE T.D. REACHED 12-21-81 17. DATE COMPL. (Ready to prod.) 1-24-82 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5,239' GR 19. ELEV. CASINGHEAD 5,239' GR | | | | | | | | | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 5, T9S, R17E, S.L.B.& | |
| 20. TOTAL DEPTH, MD & TVD 5,372' 21. PLUG, BACK T.D., MD & TVD 5,313' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → 0-5372 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4,172'-4,182', 4,842'-4,862', 5,010-5,018', 5,146'-5,161' Green River 25. WAS DIRECTIONAL SURVEY MADE NO | | | | | | | | | | 12. COUNTY OR PARISH Duchesne | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Density & CBL | | | | | | | | | | 13. STATE Utah | |
| 28. CASING RECORD (Report all strings set in well) | | | | | | | | | | | |
| CASING SIZE | | WEIGHT, LB./FT. | | DEPTH SET (MD) | | HOLE SIZE | | CEMENTING RECORD | | AMOUNT PULLED | |
| 8 5/8" | | 24# | | 264' | | 12 1/4" | | 200 sks. | | none | |
| 5 1/2 " | | 15.5# | | 5,365' | | 7 7/8" | | 1,050 sks. | | none | |
| 29. LINER RECORD | | | | | | | | | | | |
| SIZE | | TOP (MD) | | BOTTOM (MD) | | SACKS CEMENT* | | SCREEN (MD) | | 30. TUBING RECORD | |
| N/A | | N/A | | N/A | | N/A | | N/A | | SIZE 2 3/8" | |
| | | | | | | | | | | DEPTH SET (MD) 4,139' | |
| | | | | | | | | | | PACKER SET (MD) | |
| 31. PERFORATION RECORD (Interval, size and number) | | | | | | | | | | | |
| 5,146'-5,160' .500 - 29 holes | | | | | | | | | | | |
| 5,010'-5,018' .500 - 17 holes | | | | | | | | | | | |
| 4,842'-4,862' .500 - 41 holes | | | | | | | | | | | |
| 4,172'-4,182' .500 - 21 holes | | | | | | | | | | | |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | | | | | | | | | |
| DEPTH INTERVAL (MD) | | | | | | AMOUNT AND KIND OF MATERIAL USED | | | | | |
| 5,146'-5,161' | | | | | | 1,500g Acid 51,900g Gel 72,500# s | | | | | |
| 5,010'-5,018' | | | | | | 1,000g Acid 24,370g Gel 21,300# s | | | | | |
| 4,842'-4,862' | | | | | | 2,000g Acid 40,000g Gel 72,000# s | | | | | |
| 4,172'-4,182' | | | | | | 1,000g Acid 46,000g Gel 72,500# s | | | | | |
| 33.* PRODUCTION | | | | | | | | | | | |
| DATE FIRST PRODUCTION 1-24-82 | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping | | | | | | WELL STATUS (Producing or shut-in) Producing | | | |
| DATE OF TEST 1-24-82 | | HOURS TESTED 24 | | CHOKE SIZE N/A | | PROD'N. FOR TEST PERIOD → | | OIL—BBL. 94 | | GAS—MCF. 35 | |
| FLOW. TUBING PRESS. N/A | | CASING PRESSURE N/A | | CALCULATED 24-HOUR RATE → | | OIL—BBL. 94 | | GAS—MCF. 35 | | WATER—BBL. 35 | |
| | | | | | | | | | | OIL GRAVITY-API (CORR.) 33.6 @ 60° | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Venting | | | | | | | | | | TEST WITNESSED BY Russ Ivey | |
| 35. LIST OF ATTACHMENTS | | | | | | | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | | | | | | | |
| SIGNED  | | TITLE Asst. Dist. Drlg. Supt. | | | | | | DATE 1-27-82 | | | |

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------|-----|--------|-----------------------------|----------------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | | Top Oil Shale | 1,442' | |
| | | | | Horse Bench | 2,254' | |
| | | | | Base Oil Shale | 3,131' | |
| | | | | Gordon Gulch | 3,695' | |
| | | | | Douglas Creek | 4,673' | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-020252

Communitization Agreement No. N/A

Field Name Monument Butte

Unit Name N/A

Participating Area N/A

County Duchesne State Utah

Operator Diamond Shamrock Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 19 82


(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-------------------|-----|-----|-------------|------------|---|--------------------------------|-------------------|-----------------|
| 12-5 | 5 SW/NW | 9S | 17E | DRG. | | | | | Allen Fed. 12-5 |
| | | | | | 12-26 | chru 12-30 | WOCT | | |
| | | | | | 12-31 | Rig up and | Drill out DV tool @ 3438' | | |
| | | | | | 1-1 | Displace w/ KCL. | Log. | | |
| | | | | | 1-2 | Perforate and frac. w/ | 1271 bbl. 15% acid gel | | |
| | | | | | 1-3 | Flow frac. back, perforate, TIH and set B.P. @ 5104'; | Frac w/ 604 bbl. 15% acid gel. | | |
| | | | | | 1-4 | Flow frac. back | | | |
| | | | | | 1-5 | Swab test | | | |
| | | | | | 1-6 | POOH. TIH w/ B.P. and set @ 4950'; | Perforate | | |
| | | | | | 1-7 | Frac. w/ 1181 bbl. 15% acid gel. | | | |
| | | | | | 1-8 | Flow back. TIH and set B.P. @ 4649' | | | |
| | | | | | 1-9 | Frac w/ 1236 bbl. 15% acid gel. | | | |
| | | | | | 1-10 | Flow back. TIH and retrieve 1st B.P. | | | |
| | | | | | 1-11 | Retrieve 2nd B.P. | | | |
| | | | | | 1-12 | Retrieve 3rd B.P. | | | |
| | | | | | 1-13 | Circ. hole clean. Start to swab test. | | | |
| | | | | | 1-14 | Swab and flow test. | | | |
| | | | | | 1-15 | Run production rods and Turn to Production. | | | |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|---|--|--------------------|--------------------|
| *On hand, Start of Month | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | | | |
| *Sold | | | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | | | XXXXXXXXXXXXXXXXXX |
| *Injected | | | |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | |
| *Other (Identify) | | | |
| *On hand, End of Month | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | | | XXXXXXXXXXXXXXXXXX |
| Authorized Signature:  | Address: 5730 W. Yellowstone Casper, Wy. | | |
| Title: <u>Asst. Dist. Drlg. Supt.</u> | Page _____ of _____ | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-020252-
Communitization Agreement No. N/A
Field Name Monument Butte
Unit Name N/A
Participating Area N/A
County Duchesne State Utah
Operator Diamond Shamrock Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 81

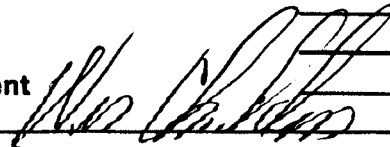
(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-------------------|-----|-----|-------------|-----------------|--|-------------|-------------------|-----------------|
| 12-5 | 5 SW/NW | 9S | 17E | DRG | 11-26 thru 12-7 | WORT | | | Allen Fed. 12-5 |
| | | | | | 12-8 | RURT adn drill mousehole | | | |
| | | | | | 12-9 | Same | | | |
| | | | | | 12-10 | thru 12-20 Drill from 285' to 5365' | | | |
| | | | | | 12-21 | Drill to 5372'. Log. Lay down drill pipe | | | |
| | | | | | 12-22 | Run 5 1/2" casing. Set @ 5365' KB. Cement with 1050 sxs. Released rig. | | | |
| | | | | | 12-23 | thru 12-25 WOCT. | | | |
| | | | | | | | | | |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|---|---|--------------------|--------------------|
| *On hand, Start of Month | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | | | |
| *Sold | | | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | | | XXXXXXXXXXXXXXXXXX |
| *Injected | | | |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | |
| *Other (Identify) | | | |
| *On hand, End of Month | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | | | XXXXXXXXXXXXXXXXXX |
| Authorized Signature:  | Address: <u>5730 W. Yellowstone Casper, Wy.</u> | | |
| Title: <u>Dist. Drlg. Supt.</u> | Page _____ of _____ | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

33

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ | | 5. LEASE DESIGNATION AND SERIAL NO. U-020252 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|--|-------------------------|---------------------|----------------------------------|-----------------|---------------------------------|------------------|---------------------------------|---------------|---------------------------------|---------------|---------------------------------|----------|------|--------|-------|--------|--------|------------|------|--|--|--|--|--|--|--|--|--|--|--|--|
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. NAME OF OPERATOR Diamond Shamrock Corporation | | 7. UNIT AGREEMENT NAME Allen Federal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. ADDRESS OF OPERATOR 5730 West Yellowstone, Casper, Wyoming 82601 | | 8. FARM OR LEASE NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,830' FNL 511' FWL SW/NW At top prod. interval reported below At total depth | | 9. WELL NO. 12-5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. PERMIT NO. _____ DATE ISSUED _____ | | 10. FIELD AND POOL, OR WILDCAT Monument Butte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. DATE SPUDDED 11-11-81 | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 5, T9S, R17E, S1E, B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. DATE T.D. REACHED 12-21-81 | | 12. COUNTY OR PARISH Duchesne | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. DATE COMPL. (Ready to prod.) 1-24-82 | | 13. STATE Utah | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 5,239' GR | | 19. ELEV. CASINGHEAD 5,239' GR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20. TOTAL DEPTH, MD & TVD 5,372' | | 21. PLUG BACK T.D., MD & TVD 5,313' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22. IF MULTIPLE COMPL., HOW MANY? N/A | | 23. INTERVALS DRILLED BY 0-5372 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4,172'-4,182', 4,842'-4,862', 5,010'-5,018', 5,146'-5,161' Green River | | 25. WAS DIRECTIONAL SURVEY MADE NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Density & CBL | | 27. WAS WELL CORED NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28. CASING RECORD (Report all strings set in well) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>CASINO SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8 5/8"</td><td>24#</td><td>264'</td><td>12 1/4"</td><td>200 sks.</td><td>none</td></tr><tr><td>5 1/2"</td><td>15.5#</td><td>5,365'</td><td>7 7/8"</td><td>1,050 sks.</td><td>none</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> | | | | CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED | 8 5/8" | 24# | 264' | 12 1/4" | 200 sks. | none | 5 1/2" | 15.5# | 5,365' | 7 7/8" | 1,050 sks. | none | | | | | | | | | | | | |
| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 5/8" | 24# | 264' | 12 1/4" | 200 sks. | none | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 1/2" | 15.5# | 5,365' | 7 7/8" | 1,050 sks. | none | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29. LINER RECORD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SIZE</th><th>—TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></tr></tbody></table> | | | | SIZE | —TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | N/A | N/A | N/A | N/A | N/A | | | | | | | | | | | | | | | | | | | | |
| SIZE | —TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N/A | N/A | N/A | N/A | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30. TUBING RECORD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2 3/8"</td><td>4,139'</td><td> </td></tr></tbody></table> | | | | SIZE | DEPTH SET (MD) | PACKER SET (MD) | 2 3/8" | 4,139' | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE | DEPTH SET (MD) | PACKER SET (MD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 3/8" | 4,139' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31. PERFORATION RECORD (Interval, size and number) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"><tbody><tr><td>5,146'-5,160'</td><td>.500 - 29 holes</td></tr><tr><td>5,010'-5,018'</td><td>.500 - 17 holes</td></tr><tr><td>4,842'-4,862'</td><td>.500 - 41 holes</td></tr><tr><td>4,172'-4,182'</td><td>.500 - 21 holes</td></tr></tbody></table> | | | | 5,146'-5,160' | .500 - 29 holes | 5,010'-5,018' | .500 - 17 holes | 4,842'-4,862' | .500 - 41 holes | 4,172'-4,182' | .500 - 21 holes | | | | | | | | | | | | | | | | | | | | | | |
| 5,146'-5,160' | .500 - 29 holes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5,010'-5,018' | .500 - 17 holes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4,842'-4,862' | .500 - 41 holes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4,172'-4,182' | .500 - 21 holes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>5,146'-5,161'</td><td>1,500g Acid 51,900g Gel 72,500#</td></tr><tr><td>5,010'-5,018'</td><td>1,000g Acid 24,370g Gel 21,300#</td></tr><tr><td>4,842'-4,862'</td><td>2,000g Acid 40,000g Gel 72,000#</td></tr><tr><td>4,172'-4,182'</td><td>1,000g Acid 46,000g Gel 72,500#</td></tr></tbody></table> | | | | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | 5,146'-5,161' | 1,500g Acid 51,900g Gel 72,500# | 5,010'-5,018' | 1,000g Acid 24,370g Gel 21,300# | 4,842'-4,862' | 2,000g Acid 40,000g Gel 72,000# | 4,172'-4,182' | 1,000g Acid 46,000g Gel 72,500# | | | | | | | | | | | | | | | | | | | | |
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| 4,172'-4,182' | 1,000g Acid 46,000g Gel 72,500# | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33. PRODUCTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE FIRST PRODUCTION 1-24-82 | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE OF TEST 1-24-82 | | WELL STATUS (Producing or shut-in) Producing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HOURS TESTED 24 | CHOKE SIZE N/A | PROD'N. FOR TEST PERIOD 94 | OIL—BBL. 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLOW. TUBING PRESS. N/A | CASING PRESSURE N/A | GAS—MCF. 35 | WATER—BBL. 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CALCULATED 24-HOUR RATE 94 | | GAS—MCF. 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OIL—BBL. 35 | | WATER—BBL. 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OIL GRAVITY-API (CORR.) 33.6 @ 60° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Venting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TEST WITNESSED BY Russ Ivey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35. LIST OF ATTACHMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Asst. Dist. Drlg. Supt.

DATE 1-27-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

BALCHON OIL

WELL REPORT

WELL NAME: Allen Federal #12-5
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-020252
 LOCATION: SW NW Sec.5,T9S,R17E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 0.79942652
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 1-24-82
 INITIAL PRODUCTION: 94 STBOPD,35 MSFPD, 35 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 4 STBOPD, 15 MSCFGPD, 1 STBWPD
 ELEVATIONS - GROUND: 5230'
 TOTAL DEPTH: 5372' KB

DATE: 2-18-94 lac
 API NO.: 43-013-30611
 NET REVENUE INT.: 0.72981781 Oil
 0.65881769 Gas
 SPUD DATE: 11-11-81
 OIL GRAVITY: 33.6 API
 BHT: 140 Deg.F
 KB: 5244' (14' KB)
 PLUG BACK TD: 5313' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs
 LENGTH: 7 jts @ 255'
 DEPTH LANDED: 269' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 200 sx, Class-H
 Cemented to surface

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs
 LENGTH: 125 jts @ 5356'
 DEPTH LANDED: 5370' KB, DV @ 3423'
 D.V. TOOL: 3423'
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 1050 sx, Class-H
 CEMENT TOP AT: 1000' from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8"/J-55/4.7#
 NO. OF JOINTS: 164 jts. @ 5162'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 3/8" x 1.1'
 PERF. SUB: 2 3/8" x 8'
 MUD ANCHOR: 2 3/8" x 31'
 TOTAL STRING LENGTH: 5202'
 SN LANDED AT: 5176' KB

PERFORATION RECORD

4172'-4182' (10') 2 SPF
 4842'-4862' (20') 2 SPF
 5010'-5018' (8') 2 SPF
 5146'-5160' (14') 2 SPF

ACID JOB

4172'-4182' 1000 gal 15% HCl Acid
 4842'-4862' 2000 gal 15% HCl Acid
 5010'-5018' 1000 gal 15% HCl Acid
 5146'-5160' 1500 gal 15% HCl Acid

SUCKER ROD RECORD

11 - 3/4"x25' HBS Rods
 194 - 3/4"x25' Plain Rods
 2 - 3/4"x4' Pony Rods
 1 - 1 1/4"x22' Polish Rod

PUMP SIZE: 2"x1 1/2"x16' RWBC
 STROKE LENGTH: 124"
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

FRAC JOB

4172'-4182' Frac w/Halliburton on 1-2-82.
 4600 gal Ver 1400 w/72,500 lbs 20-40 sd, Avg 20 BPM
 @ 1850 psig, max 2050 psig, ISIP @ 1800 psig, 15 min
 @ 1660 psig, 20 min @ 1640 psig.
 4842'-4862' Frac w/Halliburton on 1-7-82.
 40,000 gal Ver 1400 w/72,000 lbs 20-40 sd, Avg 25 BPM
 @ 1800 psig, max @ 2400 psig, ISIP @ 1850 psig, 15 min
 @ 1610 psig, 20 min @ 1580 psig.
 5010'-5018' Frac w/Halliburton on 1-3-82.
 24,370 gal Gel w/21,300 lbs 20-40 sd, Avg 10 BPM
 @ 4600 psig, max @ 7400 psig, ISIP @ 3400 psig, 20 min
 @ 1850 psig.
 5146'-5160' Frac w/Halliburton on 1-9-82.
 51,900 gal Ver 1400 w/ 72,500 lbs 20-40 sd, Avg 20.5 BPM
 @ 1950 psig, max @ 2250 psig, ISIP @ 1960 psig, 15 min
 @ 1690 psig, 20 min @ 1660 psig.

LOGS: Cement Bond, Dual Induction-SFL, Compensated
 Neutron-Formation Density, Cyberlook.

ALLEN FEDERAL #12-5
SW NW Sec. 5, T9S, R17E
Lease No. U-020252
MONUMENT BUTTE FIELD
DUCHESNE CO., UTAH

Wellbore Diagram

BALCRON OIL
2-18-94 lac

SURFACE CASING

8 5/8", K-55, 24#
7 jts @ 255'
Landed @ 269' KB
Cemented W/200 sx, Class-H.
Cemented to surface.
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2", K-55, 15.5#
125 jts, 15.5#, LT&C @ 5356'
Landed @ 5370' KB
D.V. Tool @ 3423'
Cemented w/1050 sx, Class-H
Cement Top @ 1000' from CBL
Hole Size @ 7 7/8"

TUBING

2 3/8", J-55, 4.7#
164 jts. @ 5162'
SN - 2 3/8" x 1.1'
Perf Sub- 2 3/8" x 8'
Mud Anchor - 2 3/8" x 31'
Total String Length - 5202'
SN Landed At 5176' KB

SUCKER ROD

11 - 3/4"x25' HBS Rods
194 - 3/4"x25' Plain Rods
2 - 3/4"x4' Pony Rods
1 - 1 1/4"x22' Polish Rod
PUMP SIZE: 2"x1 1/2"x16' RWBC
STROKE LENGTH: 56"
PUMP SPEED, SPM: 4
PUMPING UNIT SIZE:
PRIME MOVER: Ajax 7 1/4"x8"

ACID JOB

4172'-4182' 1000 gal 15% HCl Acid
4842'-4862' 2000 gal 15% HCl Acid
5010'-5018' 1000 gal 15% HCl Acid
5146'-5160' 1500 gal 15% HCl Acid

FRAC JOB

4172'-4182' Frac w/Halliburton on 1-2-82.
4600 gal Ver 1400 w/72,500 lbs 20-40 sd, Avg 20 BPM
@ 1850 psig, max 2050 psig, ISIP @ 1800 psig, 15 min
@ 1660 psig, 20 min @ 1640 psig.
4842'-4862' Frac w/Halliburton on 1-7-82.
40,000 gal Ver 1400 w/72,000 lbs 20-40 sd, Avg 25 BPM
@ 1800 psig, max @ 2400 psig, ISIP @ 1850 psig, 15 min
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5010'-5018' Frac w/Halliburton on 1-3-82.
24,370 gal Gel w/21,300 lbs 20-40 sd, Avg 10 BPM
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5146'-5160' Frac w/Halliburton on 1-9-82.
51,900 gal Ver 1400 w/ 72,500 lbs 20-40 sd, Avg 20.5 BPM
@ 1950 psig, max @ 2250 psig, ISIP @ 1960 psig, 15 min
@ 1690 psig, 20 min @ 1660 psig.

PERFORATION RECORD

4172'-4182' (10') 2 SPF
4842'-4862' (20') 2 SPF
5010'-5018' (8') 2 SPF
5146'-5160' (14') 2 SPF

PBTD @ 5313' KB

TD @ 5372' KB



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 15, 1982

Diamond Shamrock Corporation
5730 West Yellowstone
Casper, Wyoming 82601

Re: Well No. Allen Federal #12-5
Sec. 5, T. 9S, R. 17E.
Duchesne County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office January 27, 1982, from above referred to twell, indicates teh following electric logs were run: Dual Induction, Density & CBL. As of todays date, this office has not received these logs: CBL.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the elctric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well ☒ well ☐ other

2. NAME OF OPERATOR

DIAMOND SHAMROCK CORPORATION

3. ADDRESS OF OPERATOR

DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SEE ATTACHED

AT TOP PROD. INTERVAL: SAME

AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other)

SUBSEQUENT REPORT OF:

☐

APR 20 1983

DIVISION OF
OIL, GAS, AND MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

REQUEST PERMISSION TO LAY SURFACE GAS LINES

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK CORPORATION respectfully requests permission to lay surface gas lines connecting producing wells in Federal Lease #U-020252, (Allen Federal Wells #12-5, 21-5 and A-1). All gas lines will be 2" durable plastic pipe laid along existing lease roads and will be shielded and buried at road crossings. Gas from these lines will allow DIAMOND SHAMROCK CORPORATION to fuel prime mover and stock tank heater at the Allen Federal A-1 location which presently does not produce enough casinghead gas to effectively operate its surface equipment. Approximate fuel conserved would be 10 MCF/D. There will be no surface disturbance.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 4-19-83
BY: [Signature] Ft.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED

Jeff Bonk

TITLE

Engineer

DATE

4-19-83

(This space for Federal or State office use)

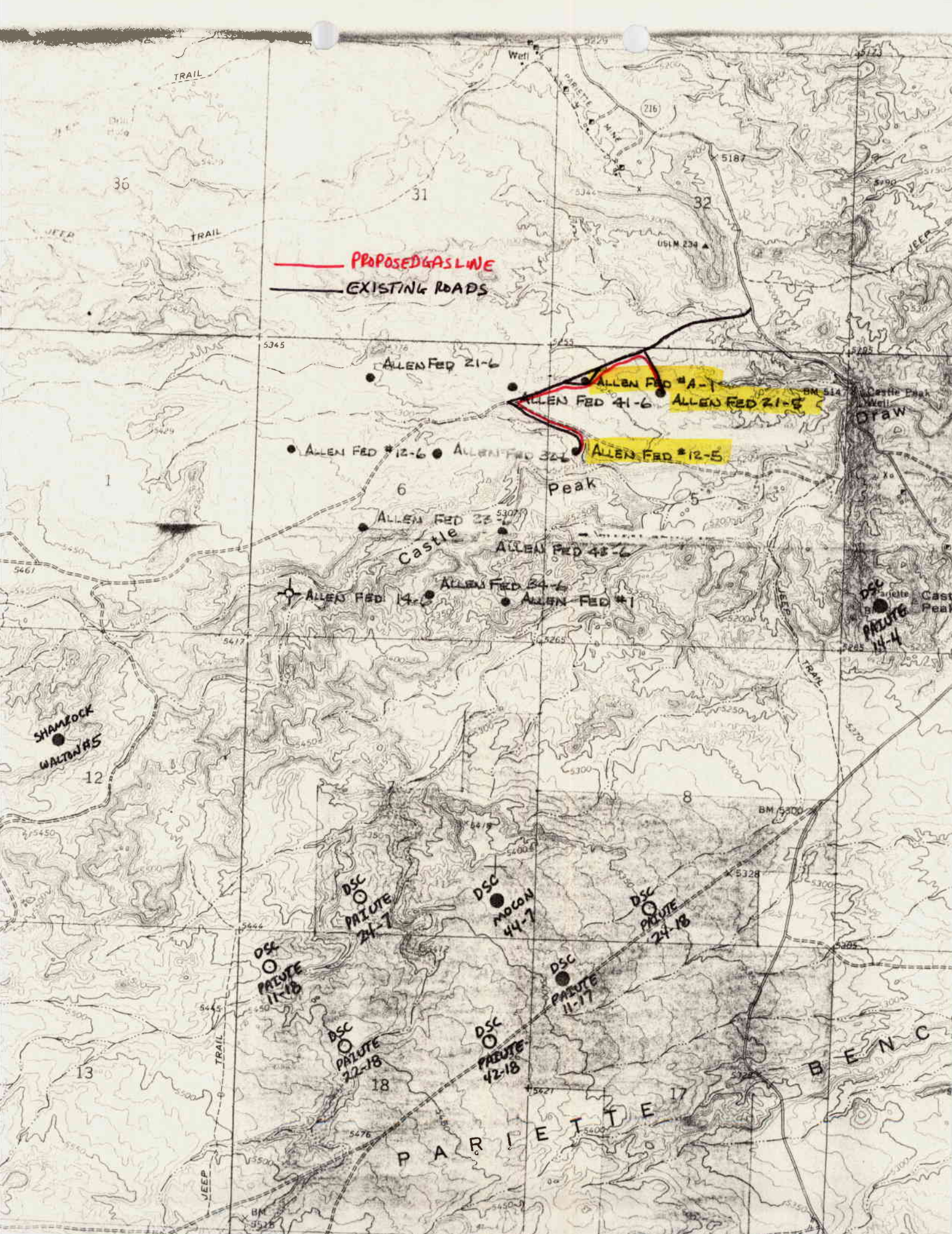
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

| <u>WELL NAME</u> | <u>LOCATION</u> | <u>API NUMBER</u> | <u>ELEV.</u> |
|--------------------|-------------------------|-------------------|--------------|
| Allen Federal #A-1 | NW/NW Sec. 5, T9S, R17E | 43-013-15780 | 5263 KB |
| Allen Federal 12-5 | SW/NW Sec. 5, T9S, R17E | 43-013-30611 | 5239 GR |
| Allen Federal 21-5 | NE/NW Sec. 5, T9S, R17E | 43-013-30612 | 5237 GR |



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☒ gas well ☐ other

2. NAME OF OPERATOR

DIAMOND CHEMICAL CO. (formerly DIAMOND SHAMROCK)

3. ADDRESS OF OPERATOR

P.O. Drawer "E", Vernal, Utah 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) lay surface gas lines ☐

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☐

5. LEASE

U-020252 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ALLEN FEDERAL ✓

9. WELL NO.

10. FIELD OR WILDCAT NAME

Monument Butte Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 5, T9S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND CHEMICAL COMPANY requests permission to lay a dry gas distribution system to all wells within federal lease U-020252. These dry gas lines will be 1" and 2" polyethylene pipe and will be laid parallel to the existing wet gas gathering system as shown on the attached topo map. Approximate pressure will be 50 psig.

These lines will be laid along lease and access roads wherever possible, will be cased and buried at road crossings, and will not create a surface disturbance.

The laying of these lines will allow DIAMOND CHEMICAL to severely reduce the amount of downtime we are now experiencing caused by the condensation of liquids in fuel gas lines on existing locations & thus increase oil & gas production from this lease.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

Set @ _____ Ft.

SIGNED

Jeff H. Runk

TITLE Production Engineer

DATE 9-12-83

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

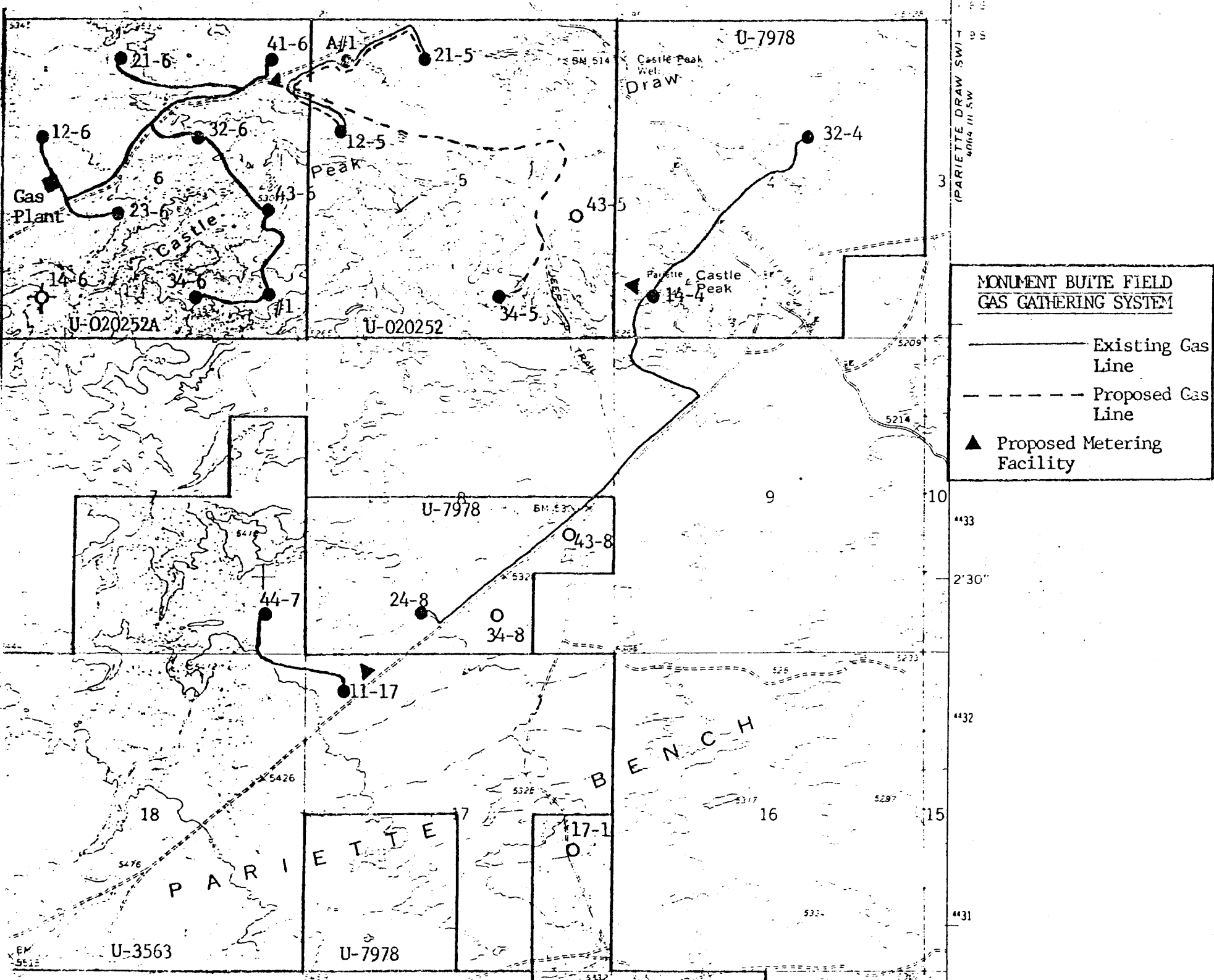
DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10/18/83

BY: [Signature]

*See Instructions on Reverse Side



**MONUMENT BUTTE FIELD
GAS GATHERING SYSTEM**

- Existing Gas Line
- Proposed Gas Line
- Proposed Metering Facility

Maxus Energy Corpor
LTV Center
2001 Ross Avenue
Dallas, Texas 75201
214 979-2800

RECEIVED
JUN 05 1987

060810

DIVISION OF
OIL, GAS & MINING

June 2, 1987

MAXUS

Utah Division of Oil, Gas & Mining
Attn: Norm Stout
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Stout,

Regarding your request for information concerning the change of name of our company from Diamond Shamrock Exploration, to Maxus Exploration Company:

1. New replacement bond is being taken care of by Sherry Neally (214) 953-2858, and will be mailed to you shortly by Judy Tate (806) 378-3876.
2. Contact names will remain the same - Kaleb Leake (307) 266-1882, Maxus Exploration Company, P.O. Box 2530, Mills, WY 82644, for drilling and permitting; Pat Cote (214) 979-2822, at the letterhead address, for production and disposition reporting.
3. I am enclosing a copy of our most recent production report. This is a complete list of all wells to be affected by the name change.
4. The name change is effective 4-28-87. All name change notices are being handled by Dick Smith in our Legal Department (214) 953-2979. He assures us that the notices will be sent out in a few days.
5. There are no changes in the division of interest on any of the attached wells, therefore all entity numbers will remain the same.

Thank you for your patience in this matter, and please contact me if there is any other information needed.

Sincerely,

Pat Cote

Pat Cote
Production Clerk, Oil Revenue
Maxus Exploration
(214) 979-2822



UTAH
NATURAL RESOURCE
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

DOGM 56-64-2
an equal opportunity employer

Page 1 of 6

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DIAMOND SHAMROCK EXPL.
2001 ROSS AVE #1500
DALLAS TX 75201
ATTN: PAT COTE

RECEIVED
JUN 05 1987

Utah Account No. N0340

Report Period (Month/Year) 4 / 87

Amended Report ☐

DIVISION OF
OIL, GAS & MINING

| Well Name | | | | Producing Zone | Days Oper | Production Volume | | |
|--------------|--------------------|-----------------|--|-------------------|--------------|-------------------|------------|-------------|
| API Number | Entity | Location | | | | Oil (BBL) | Gas (MSCF) | Water (BBL) |
| X 4301315779 | ALLEN FEDERAL #1 | 01110 09S 17E 6 | | GRRV | 23 | 71 | 238 | -0- |
| X 4304720252 | EAST RED WASH 2-5 | 01112 08S 25E 5 | | GRRV | -0- | -0- | -0- | -0- |
| X 4301315780 | ALLEN FEDERAL A-1 | 01115 09S 17E 5 | | GRRV | -0- | -0- | -0- | -0- |
| X 4301330558 | ALLEN FEDERAL 23-6 | 01120 09S 17E 6 | | GRRV | 30 | 225 | 1825 | 7 |
| X 4301330559 | ALLEN FEDERAL 32-6 | 01120 09S 17E 6 | | GRRV | 30 | 115 | 925 | -0- |
| X 4301330581 | ALLEN FEDERAL 41-6 | 01120 09S 17E 6 | | GRRV | 30 | 321 | 2838 | -0- |
| X 4301330583 | ALLEN FEDERAL 43-6 | 01120 09S 17E 6 | | GRRV | 30 | 199 | 1705 | 26 |
| X 4301330584 | ALLEN FEDERAL 21-6 | 01120 09S 17E 6 | | GRRV | 30 | 230 | 1234 | -0- |
| X 4301330586 | ALLEN FEDERAL 34-6 | 01120 09S 17E 6 | | GRRV | 30 | 209 | 1577 | 8 |
| X 4301330918 | ALLEN FEDERAL 13-6 | 01120 09S 17E 6 | | GRRV | 30 | 125 | 1047 | -0- |
| X 4301330919 | ALLEN FEDERAL 22-6 | 01120 09S 17E 6 | | GRRV | 30 | 186 | 2692 | 8 |
| X 4301330611 | ALLEN FEDERAL 12-5 | 01125 09S 17E 5 | | GRRV | 30 | 230 | 1186 | -0- |
| X 4301330582 | ALLEN FEDERAL 12-6 | 01135 09S 17E 6 | | GRRV | 30 | 556 | 2595 | 3 |
| TOTAL | | | | | | 2467 | 17862 | 52 |

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete.

Date 6-2-87

Pat Cote
Authorized signature

Telephone (214) 979-2822

COMPANY: MAXUS EXPLORATION CO UT ACCOUNT # _____ SUSPENSE DATE: 6-10-87
(FORMERLY DIAMOND SHAMROCK EXPLORATION CO)

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: PAT COTE (PAT PRONOUNCES HER NAME "COATEE")

CONTACT TELEPHONE NO.: (214) 777-2822

SUBJECT: OPERATOR CHANGE - DIAMOND SHAMROCK EXPLORATION CO TO MAXUS EXPL CO

(Use attachments if necessary)

RESULTS: PAT SAID SHE WOULD PROVIDE: LTR OF EXPLANATION FOR 1) EFFECTIVE DATE,
2) BONDING, 3) ENTITY REVIEW, 4) WELLS IN QUESTION, 5) ADDRESS & TEL
FOR BOTH DRILLING AND PRODUCTION CONTACT PEOPLE,

SHE WILL USE GOPT A SUPPLEMENTED COPY OF TAD TO IDENTIFY ALL
WELLS, INCLUDING DRILLING AND INJECTION

(Use attachments if necessary)

CONTACTED BY: 

DATE: 6-2-87

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

OIL ☒ GAS ☐ WELL ☐ OTHER ☐

NAME OF OPERATOR

MAXUS EXPLORATION COMPANY

ADDRESS OF OPERATOR

P. O. BOX 1669, VERNAL, UTAH 84078

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

RECEIVED
MAR 29 1989

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-020252 & U7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ALLEN FED. & PAIUTE FED.

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR B.L.M. AND
SURVEY OR AREA

SEC. 5 & 4, T9S, R17E

12. COUNTY OR PARISH 13. STATE

DUCHESNE

UTAH

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Retire a section of gas line XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones per-
tinent to this work.)

MAXUS EXPLORATION COMPANY respectfully requests permission to retire a section of 2" dry
fuel gas line from the Allen Federal 12-5 well to a junction between the Allen Federal
34-5 and the Allen Federal 44-5 wells, (see attached topo map), and to utilize the retired
pipe as a wet gas line from the Paiute Federal 14-4 well to our compressor site, (see map).
The purpose of this new line is to eliminate the commingling of metered wet gas from lease
U-020252 with wet gas from lease U-7978.

Currently, the volume of wet casinghead gas produced from lease U-7978 is determined by
subtracting the metered volume produced from lease U-020252 from the total volume from
both leases metered at our compressor site.

This new line would parallel existing gas lines and would be exclusively metered at our
compressor site.

By retiring the dry fuel gas line within lease U-020252 MAXUS requests laying a 1" dry fuel
gas line from the Allen Federal 44-5 well to the dry gas line going to the Paiute Federal
14-4 well.

This restructuring of fuel lines would not change our existing approved method of measuring
field fuel used.

I hereby certify that the foregoing is true and correct

SIGNED *Jim Hendricks*
Jim Hendricks

TITLE Production Engineer

DATE March 27, 1989

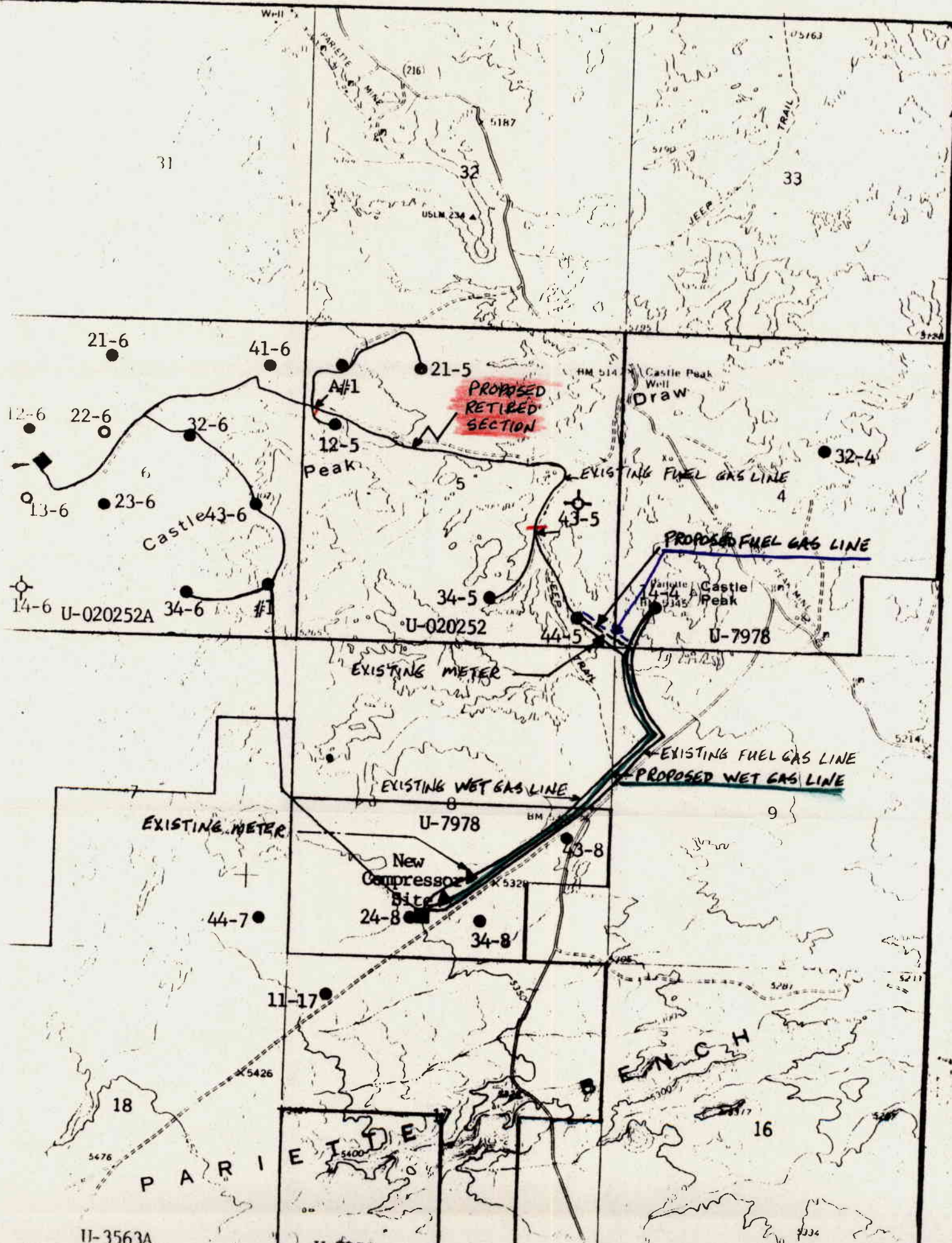
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ALLEN FEDERAL

9. WELL NO.

12-5

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEC. 5, T9S, R17E

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1830' FNL & 511' FWL

14. PERMIT NO.

43-013-30611

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

5239' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREATMENT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.) *

MAXUS EXPLORATION COMPANY wishes to inform the BLM of our perforating a zone within
the Green River formation at 2825' to 2835'. Verbal approval was given by your office
through Ed Forsman prior to perforating.

18. I hereby certify that the foregoing is true and correct

SIGNED Jim Hendricks
Jim Hendricks

(This space for Federal or State office use)

TITLE Production Engineer

DATE April 17, 1989

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

October 8, 1991

-- VIA FEDERAL EXPRESS --

Lisha Romero
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Lisha:

Enclosed are sundry notices for Change of Operator for the wells on the enclosed list. These wells are currently operated by Maxus Exploration Company and are being transferred to:

Balcron Oil
P.O. Box 21017
Billings, MT 59104

The transfer is effective November 1, 1991.

If there is any other information you need or if you have any questions, please give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental, and Regulatory Affairs

/rs

Enclosures

cc: James M. Pachulski, Maxus Exploration Company

*Thanks for all
your help, Lisha.*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

| | | | |
|--|--|---|-----------|
| SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.) | | 5. LEASE DESIGNATION & SERIAL NO. SEE ATTACHED LIST | |
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR EQUITABLE RESOURCES ENERGY COMPANY | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR P.O. Box 21017; Billings, MT 59104 (406)259-7860 | | 8. FARM OR LEASE NAME | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone SEE ATTACHED LIST | | 9. WELL NO. | |
| 10. FIELD AND POOL, OR WILDCAT | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA | |
| 14. API NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) | 12. COUNTY | 13. STATE |

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

| | |
|--|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | Change of Operator <input checked="" type="checkbox"/> |

SUBSEQUENT REPORT OF:

| | |
|--|--|
| WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION _____

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Effective November 1, 1991, the operator of this well will change from Maxus Exploration Company

TO: EQUITABLE RESOURCES ENERGY COMPANY
 P.O. Box 21017
 Billings, MT 59104

Effective November 1, 1991, Equitable Resources Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under Bureau of Land Management Bond #5547188 issued by Safeco Insurance Co.

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED _____

TITLE _____

Attorney-in-Fact

DATE _____

October 8, 1991

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

Maxus Exploration Com
P.O. Box 2530
Mills, Wyoming 82644
307 266-1882

RECEIVED

OCT 10 1991

DIVISION OF
OIL GAS & MINING

MAXUS

October 7, 1991

State of Utah
Division of Oil & Gas
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180

Re: Operator Transfer of Maxus
Exploration Company Wells

Dear Sir:

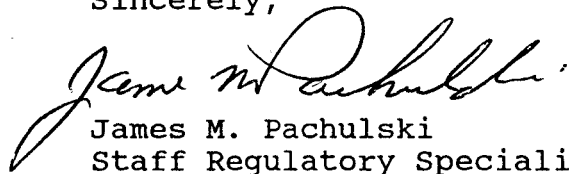
Attached is a list of wells within the State of Utah currently operated by Maxus Exploration Company. These wells are in the process of being transferred to a new operator:

Balcron Oil
P.O. Box 21017
Billings, Montana 59104
Attn: Bobbie Schuman
Coordinator of Environmental and Regulatory
Affairs (406) 259-7860

The transfer will become effective on November 1, 1991. Individual Sundry notices for each well will be forwarded to the BLM with a copy to the State of Utah by Balcron Oil in the near future. These Sundry Notices will include the bond number, effective date and a statement agreeing to be responsible under the terms and conditions of the lease.

Please contact the undersigned if there are any questions. Thank you.

Sincerely,


James M. Pachulski
Staff Regulatory Specialist

JMP:ka

cc: Balcron Oil

UTAH
NATURAL RESOURCES
Oil, Gas & Mining355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)Page 1 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ATTN NANCY LAWRENCE
MAXUS EXPLORATION COMPANY
717 N. HARWOOD, STE 2900
DALLAS TX 75201-Utah Account No. N0865
Report Period (Month/Year) 12 / 91
Amended Report ☐

| Well Name | | | Producing Zone | Days Oper | Production Volume | | |
|--------------------|--------|-----------|-------------------|--------------|-------------------|------------|-------------|
| API Number | Entity | Location | | | Oil (BBL) | Gas (MSCF) | Water (BBL) |
| MONMNT BUTTE 1-34 | | | | | | | |
| ✓4301330736 | 00030 | 09S 16E 1 | GRRV | | | | |
| MONMNT BUTTE 1-24 | | | | | | | |
| ✓4301330701 | 00050 | 09S 16E 1 | GRRV | | | | |
| ALLEN FEDERAL #1 | | | | | | | |
| ✓4301315779 | 01110 | 09S 17E 6 | GRRV | | | | |
| ALLEN FEDERAL A-1 | | | | | | | |
| ✓4301315780 | 01115 | 09S 17E 5 | GRRV | | | | |
| ALLEN FEDERAL 23-6 | | | | | | | |
| ✓4301330558 | 01120 | 09S 17E 6 | GRRV | | | | |
| ALLEN FEDERAL 32-6 | | | | | | | |
| ✓4301330559 | 01120 | 09S 17E 6 | GRRV | | | | |
| ALLEN FEDERAL 41-6 | | | | | | | |
| ✓4301330581 | 01120 | 09S 17E 6 | GRRV | | | | |
| ALLEN FEDERAL 43-6 | | | | | | | |
| ✓4301330583 | 01120 | 09S 17E 6 | GRRV | | | | |
| ALLEN FEDERAL 21-6 | | | | | | | |
| ✓4301330584 | 01120 | 09S 17E 6 | GRRV | | | | |
| ALLEN FEDERAL 34-6 | | | | | | | |
| ✓4301330586 | 01120 | 09S 17E 6 | GRRV | | | | |
| ALLEN FEDERAL 13-6 | | | | | | | |
| ✓4301330918 | 01120 | 09S 17E 6 | GRRV | | | | |
| ALLEN FEDERAL 22-6 | | | | | | | |
| ✓4301330919 | 01120 | 09S 17E 6 | GRRV | | | | |
| ALLEN FEDERAL 12-5 | | | | | | | |
| ✓4301330611 | 01125 | 09S 17E 5 | GRRV | | | | |
| TOTAL | | | | | | | |

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date _____



Authorized signature _____

Telephone _____

| |
|---------------|
| 1- LCR |
| 2- DTS |
| 3- VLC |
| 4- RJF |
| 5- RWM |
| 6- ADA 7- LCR |

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-91)

(new operator) BALCRON OIL
(address) P. O. BOX 21017
1601 LEWIS AVENUE BUILDING
BILLINGS, MT 59104
phone (406) 259-7860
account no. N9890 (12-5-91)

FROM (former operator) MAXUS EXPLORATION COMPANY
(address) 717 N. HARWOOD, STE 2900
DALLAS, TX 75201
JAMES PACHULSKI (WYO)
phone (307) 266-1882
account no. N 0865

Well(s) (attach additional page if needed):

| | | | | | | |
|-------------------------------|------------|---------------|-----------|-----------|-----------|-------------------|
| Name: **SEE ATTACHED** | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-10-91)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received ^{““}from new operator (Attach to this form). *(Rec'd 10-9-91)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) If yes, show company file number: dba 097441. *(Owned by Equitable Resources Energy Company #134640)*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-10-92)*
6. Cardex file has been updated for each well listed above. *(1-13-92)*
7. Well file labels have been updated for each well listed above. *(1-13-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(1-10-92)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19_____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

1. All attachments to this form have been microfilmed. Date: _____ 19_____.

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

- 9/10/07 Btm/Vernal "No documentation as of yet."
- 10/25 Btm/Vernal "Have documentation - not approved as of yet." Will notify DeBm when approved.
- 11/12/25 Btm/Vernal " " "
- 7/12/31 Btm/Vernal " " "
- 7/20/10 Balceron/Bobby Schuman Reg. Transfer of Authority to Inject "Partette Bench Unit #4" and 134-35 Sandbry for operator change "Castlepeak St. 43-16."

Maxus Energy Corporation
717 North Harwood Street
Dallas, Texas 75201
214 953-2000

11/1/91

MAXUS

TO: INTEREST OWNERS

SALES OF WELLS

MAXUS HAS SOLD ALL THEIR NORTH DAKOTA, MONTANA, UTAH, AND
WYOMING (EXCEPT ALPHA FIELD in WYOMING) EFFECTIVE 11/1/91.

TO: BALCON OIL & GAS CO

P. O. BOX 21017

BILLINGS, MT 59104

PRODUCTION DEPT / JENICE FUGERE

PH: 406/259-7860

IT IS MY UNDERSTANDING THAT MAXUS WILL OPERATE THESE WELLS UNTIL
NOVEMBER 1, 1991, ~~BUT THAT IS SUBJECT TO CHANGE~~. I JUST WANTED TO
GIVE YOU THEIR NAME AND ADDRESS.

Nancy Lawrence

Nancy Lawrence / 214/953-2177
Oil Accounting

RECEIVED

NOV 29 1991

DIVISION OF
OIL GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 SOUTH 500 EAST
VERNAL, UTAH 84078



IN REPLY REFER TO:

JAN 02 1992

RECEIVED

JAN 06 1992

3162.3
UT08438

Equitable Resources Energy Company
Attn: Bobbie Schuman
P.O. Box 21017
Billings, Montana 59104

**DIVISION OF
OIL, GAS & MINING**

43-013-30611

Re: Well No. Allen Federal 12-5
SWNW, Sec. 5, T9S, R17E
Lease U-020252
Uintah County, Utah

Dear Ms. Schuman:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Equitable Resources Energy Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0576, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Ed Forsman of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant District Manager for Minerals

cc: Maxus Exploration Company
Amoco Production Company
Saba Energy of Texas
Union Oil Company of California

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DAWN SCHINDLER
BALCRON OIL
PO BOX 21017
BILLINGS MT 59104

Utah Account No. N9890

Report Period (Month/Year) 1 / 93

Amended Report ☐

| Well Name | | | | Producing | Days | Production Volume | | |
|--------------------|-----------------|----------|------|-----------|------|-------------------|------------|-------------|
| API Number | Entity | Location | Zone | Oper | | Oil (BBL) | Gas (MSCF) | Water (BBL) |
| MONMNT BUTTE 1-34 | | | | | | | | |
| 43013307367 | 00030 09S 16E 1 | GRRV | | | | | | |
| MONMNT BUTTE 1-24 | | | | | | | | |
| 43013307011 | 00050 09S 16E 1 | GRRV | | | | | | |
| ALLEN FEDERAL #1 | | | | | | | | |
| 43013157791 | 01110 09S 17E 6 | GRRV | | | | | | |
| ALLEN FEDERAL 23-6 | | | | | | | | |
| 43013305581 | 01120 09S 17E 6 | GRRV | | | | | | |
| ALLEN FEDERAL 32-6 | | | | | | | | |
| 43013305591 | 01120 09S 17E 6 | GRRV | | | | | | |
| ALLEN FEDERAL 41-6 | | | | | | | | |
| 43013305811 | 01120 09S 17E 6 | GRRV | | | | | | |
| ALLEN FEDERAL 43-6 | | | | | | | | |
| 43013305831 | 01120 09S 17E 6 | GRRV | | | | | | |
| ALLEN FEDERAL 21-6 | | | | | | | | |
| 43013305841 | 01120 09S 17E 6 | GRRV | | | | | | |
| ALLEN FEDERAL 34-6 | | | | | | | | |
| 43013305861 | 01120 09S 17E 6 | GRRV | | | | | | |
| ALLEN FEDERAL 13-6 | | | | | | | | |
| 43013309181 | 01120 09S 17E 6 | GRRV | | | W/W | | | |
| ALLEN FEDERAL 22-6 | | | | | | | | |
| 43013309191 | 01120 09S 17E 6 | GRRV | | | W/W | | | |
| ALLEN FEDERAL 12-5 | | | | | | | | |
| 43013306111 | 01125 09S 17E 5 | GRRV | | | | | | |
| ALLEN FEDERAL 12-6 | | | | | | | | |
| 43013305821 | 01135 09S 17E 6 | GRRV | | | | | | |
| TOTAL | | | | | | | | |

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____

Telephone _____



EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104
(406) 259-7860
FAX: (406) 245-1364

March 4, 1993

State of Utah
Uintah County
152 East 100 North
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

| | |
|-------|-------|
| 1-LEC | 7-DEC |
| 2-DTS | 8-DEC |
| 3-VLC | |
| 4-RJF | |
| 5-RWM | |
| 6-ADA | |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

| | | |
|-------------------|---|--------------------------------------|
| TO (new operator) | <u>EQUITABLE RESOURCES ENERGY CO FROM</u> (former operator) | <u>BALCRON OIL</u> |
| (address) | <u>BALCRON OIL DIVISION</u> | (address) <u>PO BOX 21017</u> |
| | <u>PO BOX 21017</u> | <u>BILLINGS MT 59104</u> |
| | <u>BILLINGS MT 59104</u> | |
| | phone (<u>406</u>) <u>259-7860</u> | phone (<u>406</u>) <u>259-7860</u> |
| | account no. <u>N 9890</u> | account no. <u>N9890</u> |

Well(s) (attach additional page if needed):

| | | | | | | |
|----------------------------|------------|---------------|-----------|-----------|-----------|-------------------|
| Name: **ALL WELLS** | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*filed 3-8-93*)
- lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: 134640.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*3-19-93*)
- lec 6. Cardex file has been updated for each well listed above. (*3-19-93*)
- lec 7. Well file labels have been updated for each well listed above. (*3-19-93*)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*3-19-93*)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- N/A* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* *See* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) ** 930319 Re'd bond rider eff. 3-4-93.*

- See* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *# 5578314 / 80,000 Belcon Oil, A Division of Equitable Resources Energy Company.*
- See* 2. A copy of this form has been placed in the new and former operators' bond files. ** Upon completion of routing.*
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *14-93*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases. *see comments below*

FILMING

- RMM* 1. All attachments to this form have been microfilmed. Date: *March 30* 19*93*.

FILED

- See* 1. Copies of all attachments to this form have been filed in each well file.
- See* 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930308 Btm 15.4. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belcon Oil Division".

RECEIVED

SEP 20 1993

OPERATOR Balcron Oil
ADDRESS P.O. Box 21017
Billings MT 59104

OPERATOR ACCT. NO. H 9890

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | DIVISION OF OIL, GAS & MINING | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|--------------------------------|--------------------|----------------|------------|-------------------------------|-----------------|---------------|----|----|-----|----------|-----------|----------------|
| | | | | | | QQ | SC | TP | RG | COUNTY | | |
| D | 01175 | 11492 | 4301330633 | | CP 42-15 | SE NE | 15 | 95 | 16E | Duchesne | | 7/1/93 |
| WELL 1 COMMENTS: Jonah Unit | | | | | | | | | | | | |
| D | 01115 | 11492 | 4301315780 | | Allen Fed 1-A | NW NW | 5 | 95 | 17E | Duchesne | | 7/1/93 |
| WELL 2 COMMENTS: | | | | | | | | | | | | |
| D | 01125 | 11492 | 4301330611 | | AF 12-5 | SW NW | 5 | 95 | 17E | Duchesne | | 7/1/93 |
| WELL 3 COMMENTS: | | | | | | | | | | | | |
| D | 01140 | 11492 | 4301330612 | | AF 21-5 | NE NW | 5 | 95 | 17E | Duchesne | | 7/1/93 |
| WELL 4 COMMENTS: | | | | | | | | | | | | |
| D | 11445 | 11492 | 4301331375 | | Mon. Butte 24-5 | | 5 | 95 | 17E | Duchesne | | 7/1/93 |
| WELL 5 COMMENTS: | | | | | | | | | | | | |

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Dawn Schindler
Signature
Prod. Acct
Title
9-15-93
Date
Phone No. 406, 259-7860

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 3 of 11

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 3 / 96AMENDED REPORT ☐ (Highlight Changes)

| Well Name | | | Producing Zone | Well Status | Days Oper | Production Volumes | | |
|-----------------------|--------|------------|----------------|-------------|-----------|--------------------|----------|------------|
| API Number | Entity | Location | | | | OIL(BBL) | GAS(MCF) | WATER(BBL) |
| ✓ MONUMENT FED 22-12J | | | | | | | | |
| 4301315796 | 11492 | 09S 16E 12 | GRRV | | | | | |
| ✓ MONUMENT FED 42-11J | | | | | | | | |
| 4301330066 | 11492 | 09S 16E 11 | GRRV | | | | | |
| ✓ ALLEN FEDERAL 23-6 | | | | | | | | |
| 4301330558 | 11492 | 09S 17E 6 | GRRV | | | | | |
| ✓ ALLEN FEDERAL 32-6 | | | | | | | | |
| 4301330559 | 11492 | 09S 17E 6 | GRRV | | | | | |
| ✓ ALLEN FEDERAL 41-6 | | | | | | | | |
| 4301330581 | 11492 | 09S 17E 6 | GRRV | | | | | |
| ✓ ALLEN FEDERAL 12-6 | | | | | | | | |
| 4301330582 | 11492 | 09S 17E 6 | GRRV | | | | | |
| ✓ ALLEN FEDERAL 43-6 | | | | | | | | |
| 4301330583 | 11492 | 09S 17E 6 | GRRV | | | | | |
| ✓ ALLEN FEDERAL 21-6 | | | | | | | | |
| 4301330584 | 11492 | 09S 17E 6 | GRRV | | | | | |
| ✓ ALLEN FEDERAL 34-6 | | | | | | | | |
| 4301330586 | 11492 | 09S 17E 6 | GRRV | | | | | |
| ✓ FEDERAL 2-1 | | | | | | | | |
| 4301330603 | 11492 | 09S 16E 1 | GRRV | | | | | |
| ✓ ALLEN FEDERAL 12-5 | | | | | | | | |
| 4301330611 | 11492 | 09S 17E 5 | GRRV | | | | | |
| ✓ ALLEN FEDERAL 21-5 | | | | | | | | |
| 4301330612 | 11492 | 09S 17E 5 | GRRV | | | | | |
| ✓ CASTLE PK FED 31-15 | | | | | | | | |
| 4301330613 | 11492 | 09S 16E 15 | GRRV | | | | | |
| TOTALS | | | | | | | | |

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



**EQUITABLE RESOURCES
ENERGY COMPANY**

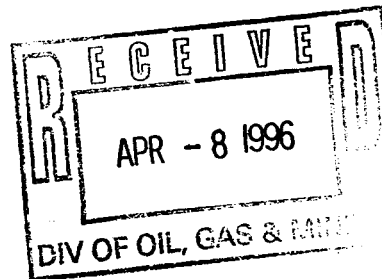
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR 8 1996

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

RECEIVED
APR - 8 1996
OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

| | | |
|---|------------|---|
| 1 | LEP 7-SJ | ✓ |
| 2 | DE 58-FILE | ✓ |
| 3 | VLD (GIL) | ✓ |
| 4 | RJE | ✓ |
| 5 | IFM | ✓ |
| 6 | FILM | ✓ |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~XXX~~ **Operator Name Change Only**

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

| | | |
|-------------------|--|---------------------------------------|
| TO (new operator) | <u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator) | <u>EQUITABLE RESOURCES ENERGY CO</u> |
| (address) | <u>1601 LEWIS AVE</u> | (address) <u>BALCRON OIL DIVISION</u> |
| | <u>BILLINGS MT 59102-4126</u> | <u>1601 LEWIS AVE</u> |
| | | <u>BILLINGS MT 59102-4126</u> |
| phone | <u>(406) 259-7860</u> | phone <u>(406) 259-7860</u> |
| account no. | <u>N9890</u> | account no. <u>N9890</u> |

Well(s) (attach additional page if needed):

| | | | | | | |
|-------------------------------|-----------------------|---------------|-----------|-----------|-----------|-------------------|
| Name: **SEE ATTACHED** | API: <u>013-30611</u> | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). Rec'd 4-4-96 & 4-8-96
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- See 6. Cardex file has been updated for each well listed above. (4-11-96)
- See 7. Well file labels have been updated for each well listed above. (4-11-96)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Schwa Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.
- DTJ Sent to Ed Bonner - Trust Lands

FILMING

- UDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

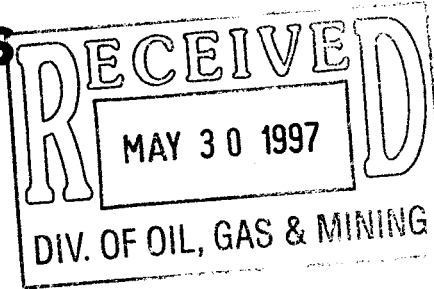
9/6/10 BLM/BIA "Formal approval not necessary"



EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

May 27, 1997

Utah Board Of Oil, Gas, & Mining
1594 West North Temple
Suite-1220
Salt Lake City, Utah 84114

In accordance with your request please find enclosed the 1997 produced water analysis for the Uinta Basin waterflood and water disposal operations which are operated by Equitable Resources Energy Company. These water analysis are for wells that are re-injecting or disposing produced water back into the Green River Formation via the following facilities:

Jonah Secondary Recovery Unit
Beluga Secondary Recovery Unit
Coyote Basin Secondary Recovery Unit
Castle Draw (State Section-2) Pilot Waterflood
Pariette Bench Water Disposal Well #4

Equitable Resources Energy Company inadvertently failed to submit a copy of these water analysis when they were sent to the EPA and BLM. If there are any questions please contact me at our Billings, Montana office at 406-259-7860.

Respectfully,

John Zellitti
District Production Engineer

Water Analysis Report

Customer : EREC - Western Oil Company

Address : 1601 Lewis Avenue

City : Billings

State : MT **Postal Code :** 59104-

Attention : John Zellitti

cc1 : Dan Farnsworth

cc2 : Joe Ivey

cc3 :

Jonah Unit
Field : Monument Butte Field

Lease : Allen Federal Lease

Location : Well No. 12-05

Sample Point : wellhead

Date Sampled : 23-Jan-97

Date Received : 23-Jan-97

Date Reported : 08-Feb-97

Salesman : Lee Gardiner

Analyst : Karen Hawkins Allen

CATIONS

Calcium : 29 mg/l
Magnesium : 8 mg/l
Barium : 0 mg/l
Strontium : 0 mg/l
Iron : 0.0 mg/l
Sodium : 3973 mg/l

pH (field) : 9.18
Temperature : 85 degrees F
Ionic Strength : 0.17

Resistivity : ohm/meters
Ammonia : ppm

Comments :

ANIONS

Chloride: 5,400 mg/l
Carbonate: 744 mg/l
Bicarbonate: 1,379 mg/l
Sulfate: 0 mg/l

Specific Gravity : 1.01 grams/ml
Total Dissolved Solids : 11,533 ppm
CO2 in Water : 1 mg/l
CO2 in Gas : 0.03 mole %
H2S in Water : 0.0 mg/l
O2 in Water : 0.000 ppm

SI calculations based on Tomson-Oddo

| | | | |
|-------------------------------|------|------------------------|------|
| Calcite (CaCO3) SI : | 1.46 | Calcite PTB : | 24.4 |
| Gypsum (CaSO4) SI : | N/A | Gypsum PTB : | N/A |
| Barite (BaSO4) SI : | N/A | Barite PTB : | N/A |
| Celestite (SrSO4) SI : | N/A | Celestite PTB : | N/A |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

43-013-30611

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

UTU72086A

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

M. Butte/Green River

11. County or Parish, State

Duchesne County, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

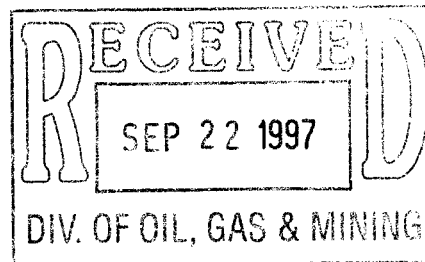
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security Diagram
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached are the Site Security Diagrams for the list of wells on the attached Exhibit.



14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title

Agent for Equitable

Resources Energy Company

Date

9-15-97

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

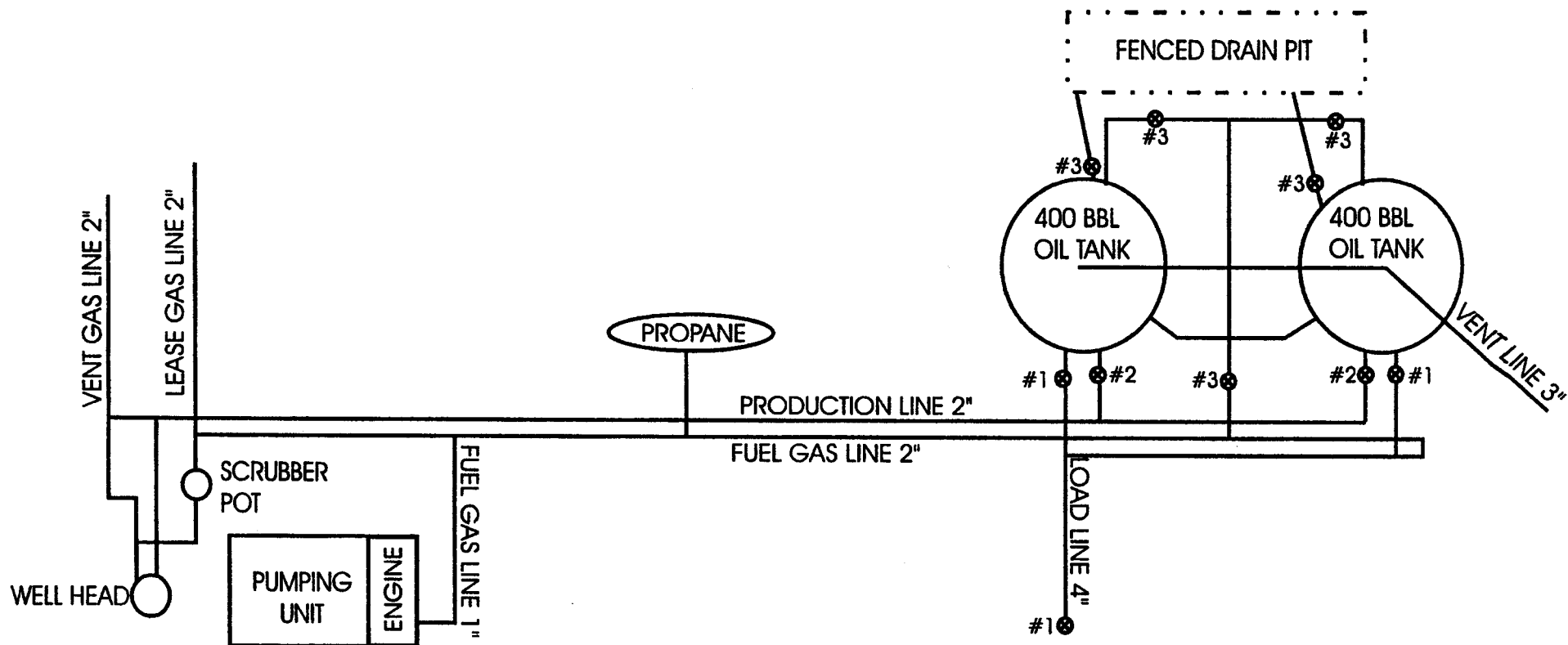
Sheet1

Jonah Unit Site Security Diagrams

| <u>Well Name</u> | <u>Location</u> | <u>County</u> | <u>State</u> | <u>Footages</u> | <u>API Number</u> |
|------------------------|----------------------------|---------------|--------------|-----------------------|-------------------|
| → Allen Federal #12-5 | SW NW Section 5 T9S, R17E | Duchesne | UT | 1980' FNL & 660' FWL | 43-013-30611 |
| Allen Federal #12-6 | SW NW Section 6, T9S, R17E | Duchesne | UT | 1980' FNL & 604' FWL | 43-013-30582 |
| Allen Federal #21-6 | NE NW Section 6, T9S, R17E | Duchesne | UT | 660' FNL & 1980' FWL | 43-013-30584 |
| Allen Federal #23-6 | NE SW Section 6, T9S, R17E | Duchesne | UT | 1980' FSL & 1980' FWL | 43-013-30558 |
| Allen Federal #34-6 | SW SE Section 6, T9S, R17E | Duchesne | UT | 662' FSL & 2075' FEL | 43-013-30586 |
| Allen Federal #43-6 | NE SW Section 6, T9S, R17E | Duchesne | UT | 1980' FSL & 660' FEL | 43-013-30583 |
| Monument Federal #1-43 | NE SE Section 1, T9S, R16E | Duchesne | UT | 1980' FSL & 660' FEL | 43-013-30734 |
| Federal #2-1 | NE NE Section 1, T9S, R17E | Duchesne | UT | 784' FNL & 812' FEL | 43-013-30603 |

EQUITABLE RESOURCES ENERGY COMPANY
ALLEN FEDERAL 12-5
PRODUCTION FACILITY DIAGRAM

ALLEN FEDERAL 12-5
 SW NW SEC. 5, T9S, R17E
 DUCHESNE COUNTY, UTAH
 FEDERAL LEASE #U-020252



| VALVE DESCRIPTION | | |
|-------------------|--------------|--------------|
| | DURING PROD. | DURING SALES |
| VALVE #1 | CLOSED | OPEN |
| VALVE #2 | OPEN | CLOSED |
| VALVE #3 | CLOSED | CLOSED |



PLAN LOCATED AT:

EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
 Billings, MT 59102
 (406) 259-7160

JULY 17, 1996

DIAGRAM NOT TO SCALE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-020252

6. If Indian, Allottee or Tribe Name

n/a

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NW Section 5, T9S, R17E
1980' FNL & 660' FWL

7. If Unit or CA, Agreement Designation

Jonah Unit
UTU72086A

8. Well Name and No.

Allen Fed. #12-5

9. API Well No.

43-013-30611

10. Field and Pool, or Exploratory Area

M. Butte/Green River

11. County or Parish, State

Duchesne County, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

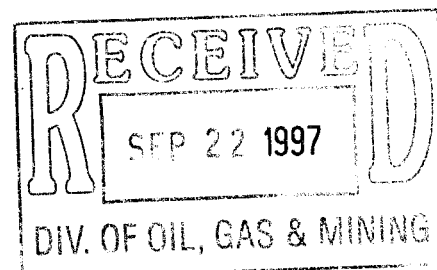
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Onshore Order #7

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

All produced water from this well is hauled to the Monument Butte Gas Plant and is then used as injection water for the Jonah Unit Waterflood project.



14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title

Agent for Equitable Resources

Energy Company

Date

9-15-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

| | |
|---------|--------|
| Routing | |
| 1-IPC | 6-APC |
| 2-CH | 7-KAS |
| 3-DTS | 8-SIV |
| 4-VLD | 9-FILE |
| 5-JBB | |

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

| | |
|--|---|
| TO: (new operator) (address) <u>INLAND PRODUCTION COMPANY</u> <u>PO BOX 1446</u> <u>ROOSEVELT UT 84066</u> Phone: <u>(801) 722-5103</u> Account no. <u>N5160</u> | FROM: (old operator) (address) <u>EQUITABLE RESOURCES ENERGY</u> <u>PO BOX 577</u> <u>LAUREL MT 59044</u> <u>C/O CRAZY MTN O&G SVS</u> Phone: <u>(406) 628-4164</u> Account no. <u>N9890</u> |
|--|---|

WELL(S) attach additional page if needed:

***JONAH (GREEN RIVER) UNIT**

| | | | | | | |
|-------------------------------|--------------------------|---------------|---------|---------|---------|--------------|
| Name: **SEE ATTACHED** | API: <u>43-013-30611</u> | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-13-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (1-14-98) * UIC/Que No Pro 1-14-98 & UIC/DBase 1-14-98.
- lec 6. **Cardex** file has been updated for each well listed above.
- lec 7. Well **file labels** have been updated for each well listed above.
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (1-14-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- Y 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
Entity 11492 "Jones (GR) Unit"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Y 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Y 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Y 1. All attachments to this form have been **microfilmed**. Today's date: 2.3.98.

FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980114 BLM/SL Aprv. eff. 1-13-98

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 3 of 14

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
 EQUITABLE RESOURCES ENERGY
 PO BOX 577
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

| Well Name | | | Producing Zone | Well Status | Days Oper | Production Volumes | | |
|-----------------------|------------------|----------|----------------|-------------|-----------|--------------------|-----------------|------------|
| API Number | Entity | Location | | | | OIL(BBL) | GAS(MCF) | WATER(BBL) |
| ✓ ALLEN FEDERAL 23-6 | | | | | | | | |
| 4301330558 | 11492 09S 17E 6 | | GRRV | | | 6020252A | Jonah (62) Unit | |
| ✓ ALLEN FEDERAL 32-6 | | | | | | " | | |
| 4301330559 | 11492 09S 17E 6 | | GRRV | | | " | | |
| ✓ ALLEN FEDERAL 41-6 | | | | | | " | | |
| 4301330581 | 11492 09S 17E 6 | | GRRV | | | " | | |
| ✓ ALLEN FEDERAL 12-6 | | | | | | " | | |
| 4301330582 | 11492 09S 17E 6 | | GRRV | | | " | | |
| ✓ ALLEN FEDERAL 43-6 | | | | | | " | | |
| 4301330583 | 11492 09S 17E 6 | | GRRV | | | " | | |
| ✓ ALLEN FEDERAL 21-6 | | | | | | " | | |
| 4301330584 | 11492 09S 17E 6 | | GRRV | | | " | | |
| ✓ ALLEN FEDERAL 34-6 | | | | | | " | | |
| 4301330586 | 11492 09S 17E 6 | | GRRV | | | " | | |
| ✓ FEDERAL 2-1 | | | | | | | | |
| 4301330603 | 11492 09S 16E 1 | | GRRV | | | 633992 | | |
| ✓ ALLEN FEDERAL 12-5 | | | | | | | | |
| 4301330611 | 11492 09S 17E 5 | | GRRV | | | 602052 | | |
| ✓ ALLEN FEDERAL 21-5 | | | | | | " | | |
| 4301330612 | 11492 09S 17E 5 | | GRRV | | | " | | |
| ✓ CASTLE PK FED 31-15 | | | | | | | | |
| 4301330613 | 11492 09S 16E 15 | | GRRV | | | 6017985 | | |
| ✓ CASTLE PK FED 44-10 | | | | | | | | |
| 4301330630 | 11492 09S 16E 10 | | GRRV | | | 6017895 | | |
| ✓ CASTLE PK FED 24-15 | | | | | | " | | |
| 4301330631 | 11492 09S 16E 15 | | GRRV | | | " | ✓ | |
| TOTALS | | | | | | | | |

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

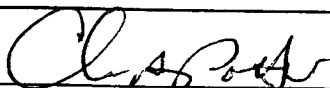
Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 16 1997

13.

Name & Signature:



CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

(This space for State use only)



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad

Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.
Call if you need anything
further.

INLAND

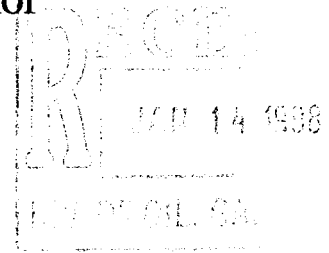
| Inland Resources Change of Operator | | | | | | | |
|-------------------------------------|-----------------|----------|----|---------------------|-----------------|------------|-----------|
| WELL NAME | LOCATION | COUNTY | ST | FIELD NAME | API NUMBER | LEASE NO. | AGEEMENT |
| ✓ BALCRON FEDERAL #24-3Y | SESW 3 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (CD) | 43-013-31397-00 | UTU75037 | |
| ✓ BALCRON FEDERAL #44-4Y | SESE 4 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (CD) | 43-013-31452-00 | UTU65967 | |
| ✓ BALCRON FEDERAL #14-3Y | SW SW 3 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (CD) | 43-013-31535-00 | UTU75037 | |
| ✓ MONUMENT FEDERAL #11-11Y | NW NW 11 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (CD) | 43-013-31593-00 | UTU65210 | |
| ✓ MONUMENT FEDERAL #31-5-9-17 | NW NE 5 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (CD) | 43-013-31680-00 | UTU74808 | |
| ✓ ALLEN FEDERAL #1 | SESE 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-15779-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #12-5 | SWNW 5 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30611-00 | UTU020252 | UTU72086A |
| ✓ ALLEN FEDERAL #12-6 | SWNW 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30582-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #13-6 | NWSW 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30918-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #21-5 | NENW 5 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30612-00 | UTU020252 | UTU72086A |
| ✓ ALLEN FEDERAL #21-6 | LOT3 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30584-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #22-6 | SESW 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30919-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #23-6 | NESW 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30558-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #31-6 | LOT2 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31195-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #32-6 | SWNE 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30559-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #34-6 | SWSE 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30586-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #41-6 | NENE 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30581-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #43-6 | NESE 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30583-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL A #1 | NWNW 5 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-15780-00 | UTU020252 | UTU72086A |
| ✓ C&O GOV'T #1 | NWSW 12 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-15111-00 | UTU035521A | UTU72086A |
| ✓ C&O GOV'T #2 | NWSE 12 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-15112-00 | UTU035521 | UTU72086A |
| ✓ C&O GOV'T #4 | NESW 12 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30742-00 | UTU035521A | UTU72086A |
| ✓ CASTLE PEAK FEDERAL #22-15 | SESW 15 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30634-00 | UTU017985 | UTU72086A |
| ✓ CASTLE PEAK FEDERAL #24-15 | SESW 15 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30631-00 | UTU017985 | UTU72086A |
| ✓ CASTLE PEAK FEDERAL #31-15 | NWNE 15 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30613-00 | UTU017985 | UTU72086A |
| ✓ CASTLE PEAK FEDERAL #33-15 | NWSE 15 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30632-00 | UTU017985 | UTU72086A |
| ✓ CASTLE PEAK FEDERAL #44-10 | SESE 10 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30630-00 | UTU017985 | UTU72086A |
| ✓ CASTLE PEAK FEDERAL #42-15 | SENE 15 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30633-00 | UTU017985 | UTU72086A |
| ✓ FEDERAL #2-1 | NENE 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30603-00 | UTU33992 | UTU72086A |
| ✓ GETTY #12-1 | NWNE 12 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30889-00 | UTU44426 | UTU72086A |
| ✓ GETTY #7-A | NENE 7 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30926-00 | UTU44426 | UTU72086A |
| ✓ GETTY #7-C | NENW 7 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30961-00 | UTU44426 | UTU72086A |
| ✓ GOATES FEDERAL #1 | SESW 11 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-15789-00 | UTU096547 | UTU72086A |
| ✓ GOATES FEDERAL #3 | NWNW 14 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-15791-00 | UTU096547 | UTU72086A |
| ✓ MONUMENT BUTTE #1-14 | SWSW 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30703-00 | UTU18399 | UTU72086A |
| ✓ MONUMENT BUTTE #1-23 | NESW 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30646-00 | UTU18399 | UTU72086A |
| ✓ MONUMENT BUTTE #1-24 | SESW 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30701-00 | UTU18399 | UTU72086A |
| ✓ MONUMENT BUTTE #1-34 | SWSE 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30736-00 | UTU52013 | UTU72086A |
| ✓ MONUMENT BUTTE #1-43 | NESE 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30734-00 | UTU52013 | UTU72086A |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
UT-931

January 13, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Jonah (Green River) Unit
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 13, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Jonah (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS
UTAH STATE OFFICE

| INSPECTION ITEM | API NO. | WELL NUMBER | QTQT | SEC | TWN | RNG | WELL STATUS | LEASE NAME | OPERATOR |
|---|---------------------------|-------------------|-----------------|---------------|---------------|----------------|----------------|----------------------|--------------------------------------|
| ** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT | | | | | | | | | |
| UTU72086A | 430131511100S1 | 1 | NWSW | 12 | 9S | 16E | POW | UTU035521A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131578000S1 | 1 | NWNW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131577900S1 | 1 | SESE | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131578900S1 | 1 | SESW | 11 | 9S | 16E | POW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579200S1 | 1 | SESE | 11 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133070200S1 | 1-13 | NWSW | 1 | 9S | 16E | WIW | UTU18399 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133070300S1 | 1-14 | SWSW | 1 | 9S | 16E | POW | UTU18399 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133064600S1 | 1-23 | NESW | 1 | 9S | 16E | POW | UTU18399 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133070100S1 | 1-24 | SESW | 1 | 9S | 16E | WIW | UTU18399 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133073500S1 | 1-33 | NWSE | 1 | 9S | 16E | WIW | UTU52013 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133073600S1 | 1-34 | SWSE | 1 | 9S | 16E | POW | UTU52013 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133073400S1 | 1-43 | NESE | 1 | 9S | 16E | POW | UTU52013 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136200S1 | 11-6 | L4 | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133149200S1 | 11-7J | NWNW | 7 | 9S | 17E | WIW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133088900S1 | 12-1 | NWNE | 12 | 9S | 16E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141700S1 | 12-11J | SWNW | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141000S1 | 12-12J | SWNW | 12 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133061100S1 | 12-5 | SWNW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058200S1 | 12-6 | SWNW | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133149300S1 | 12-7J | SWNW | 7 | 9S | 17E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579000S1 | 13-11J | NWSW | 11 | 9S | 16E | POW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133137000S1 | 13-5 | NWSW | 5 | 9S | 17E | WIW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133091800S1 | 13-6 | NWSW | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133137400S1 | 14-11 | SWSW | 11 | 9S | 16E | WIW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141100S1 | 14-12J | SWSW | 12 | 9S | 16E | WIW | UTU035521A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133138500S1 | 14-5 | SWSW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131511200S1 | 2 | NWSE | 12 | 9S | 16E | POW | UTU035521 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579300S1 | 2 | NWNE | 14 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133060300S1 | 2-1 | L1 | 1 | 9S | 16E | POW | UTU33992 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140600X1 | 21-12J | NENW | 12 | 9S | 16E | ABD | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133142100S1 | 21-14J | NENW | 14 | 9S | 16E | WIW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133142200X1 | 21-15J | NENW | 15 | 9S | 16E | ABD | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133061200S1 | 21-5 | NENW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058400S1 | 21-6 | L3 | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579600S2 | 22-12J | SENW | 12 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063400S1 | 22-15 | SENW | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133138400S1 | 22-5 | SENW | 5 | 9S | 17E | WIW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133091900S1 | 22-6 | SENW | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136900S1 | 23-11 | NESW | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133137300S1 | 23-15 | NESW | 15 | 9S | 16E | WIW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133138300S1 | 23-5 | NESW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133055800S1 | 23-6 | NESW | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140900S1 | 24-12J | SESW | 12 | 9S | 16E | POW | UTU035521A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063100S1 | 24-15 | SESW | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133137500S1 | 24-5 | SESW | 5 | 9S | 17E | WIW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136300S1 | 24-6 | SESW | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579100S1 | 3 | NWNW | 14 | 9S | 16E | POW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133061300S1 | 31-15 | NWNE | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |

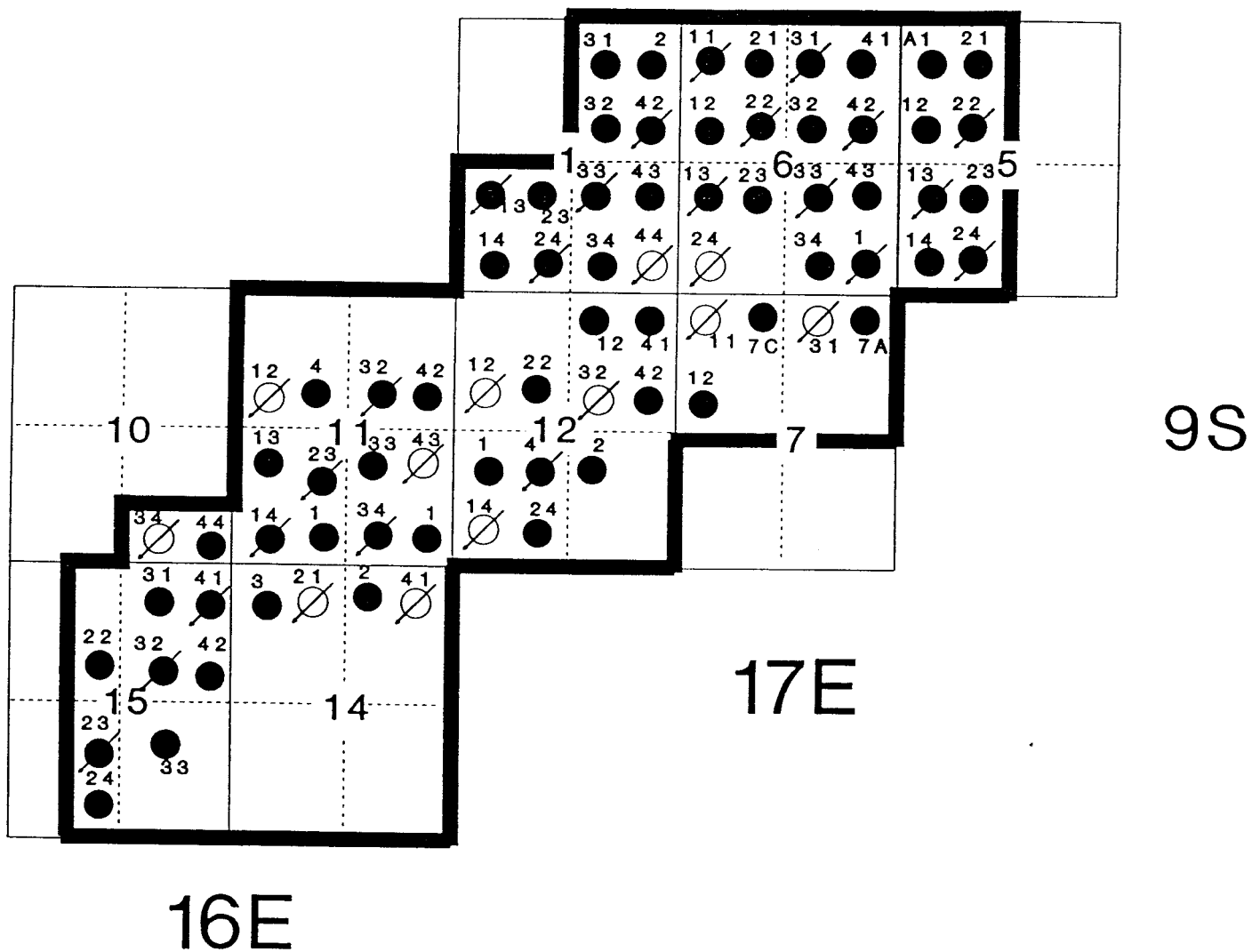
WELL STATUS REPORTS
UTAH STATE OFFICE

| INSPECTION ITEM | API NO. | WELL NUMBER | QTQT | SEC | TWN | RNG | WELL STATUS | LEASE NAME | OPERATOR |
|-----------------|----------------|----------------|------|-----|-----|-----|----------------|------------|---------------------------|
| UTU72086A | 430133141300S1 | 31-1J | L2 | 1 | 9S | 16E | POW | UTU33992 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133119500S1 | 31-6 | L2 | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140500S1 | 31-7J | NWNE | 7 | 9S | 17E | WIW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133138600S1 | 32-11 | SWNE | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141900S1 | 32-12J | SWNE | 12 | 9S | 16E | WIW | UTU035521 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136800S1 | 32-15 | SWNE | 15 | 9S | 16E | WIW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141400S1 | 32-1J | SWNE | 1 | 9S | 16E | POW | UTU33992 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133055900S1 | 32-6 | SWNE | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133145100S1 | 33-11J | NWSE | 11 | 9S | 16E | OSI | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063200S1 | 33-15 | NWSE | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136100S1 | 33-6 | NWSE | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141600S1 | 34-10J | SWSE | 10 | 9S | 16E | WIW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133100300S1 | 34-11 | SWSE | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058600S1 | 34-6 | SWSE | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133074200S1 | 4 | NESW | 12 | 9S | 16E | WIW | UTU035521A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579500S1 | 4 | SENW | 11 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133148700S1 | 41-12J | NENE | 12 | 9S | 16E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140800S1 | 41-14J | NENE | 14 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136700S1 | 41-15 | NENE | 15 | 9S | 16E | WIW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058100S1 | 41-6 | NENE | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133006600S1 | 42-11J | SENE | 11 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133148600S1 | 42-12J | SENE | 12 | 9S | 16E | POW | UTU035521 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063300S1 | 42-15 | SENE | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140400S1 | 42-1J | SENE | 1 | 9S | 16E | WIW | UTU40652 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136400S1 | 42-6 | SENE | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133100200S1 | 43-11J | NESE | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058300S1 | 43-6 | NESE | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063000S1 | 44-10 | SESE | 10 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141500S1 | 44-1J | SESE | 1 | 9S | 16E | WIW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133092600S1 | 7-A | NENE | 7 | 9S | 17E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133096100S1 | 7-C | NENW | 7 | 9S | 17E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |

JONAH (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



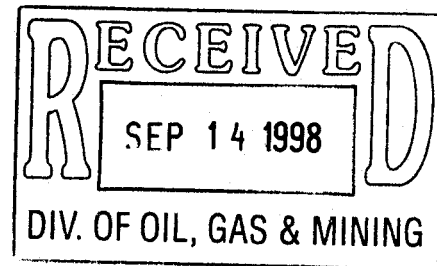
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

| | | | |
|--|--|--|--|
| 1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) | | 5. LEASE DESIGNATION AND SERIAL NO. U-020252 | |
| 2. NAME OF OPERATOR INLAND PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A | |
| 3. ADDRESS OF OPERATOR 410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102 | | 7. UNIT AGREEMENT NAME JONAH | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/NW 1830 FNL 0511 FWL | | 8. FARM OR LEASE NAME ALLEN FEDERAL 12-5 | |
| 14. API NUMBER 43-013-30611 | | 9. WELL NO. 12-5 | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5239 GR | | 10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE | |
| 12. COUNTY OR PARISH DUCHESNE | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NW Section 5, T09S R17E | |
| 13. STATE UT | | | |

| | | | |
|--|---|---|--|
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data | | | |
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | | (OTHER) <u>Change in Lease Number</u> | <input checked="" type="checkbox"/> |
| (OTHER) _____ | <input type="checkbox"/> | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Due to unitization, the lease number for the above referenced well has been changed from U-02052 to U-020252.



| | | | |
|---|---|---------------------|--|
| 18. I hereby certify that the foregoing is true and correct. | | | |
| SIGNED <u>Debbie E. Knight</u> | TITLE <u>Manager, Regulatory Compliance</u> | DATE <u>9/11/98</u> | |
| (This space for Federal or State office use) | | | |
| APPROVED BY _____ | TITLE _____ | DATE _____ | |
| CONDITIONS OF APPROVAL, IF ANY: | | | |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

| | | | | | |
|---------|--------|--------|--------|-------|--------|
| UTSL- | 15855 | 61052 | 73088 | 76561 | |
| 071572A | 16535 | 62848 | 73089 | 76787 | |
| 065914 | 16539 | 63073B | 73520A | 76808 | |
| | 16544 | 63073D | 74108 | 76813 | |
| | 17036 | 63073E | 74805 | 76954 | 63073X |
| | 17424 | 63073O | 74806 | 76956 | 63098A |
| | 18048 | 64917 | 74807 | 77233 | 68528A |
| UTU- | 18399 | 64379 | 74808 | 77234 | 72086A |
| | 19267 | 64380 | 74389 | 77235 | 72613A |
| 02458 | 26026A | 64381 | 74390 | 77337 | 73520X |
| 03563 | 30096 | 64805 | 74391 | 77338 | 74477X |
| 03563A | 30103 | 64806 | 74392 | 77339 | 75023X |
| 04493 | 31260 | 64917 | 74393 | 77357 | 76189X |
| 05843 | 33992 | 65207 | 74398 | 77359 | 76331X |
| 07978 | 34173 | 65210 | 74399 | 77365 | 76788X |
| 09803 | 34346 | 65635 | 74400 | 77369 | 77098X |
| 017439B | 36442 | 65967 | 74404 | 77370 | 77107X |
| 017985 | 36846 | 65969 | 74405 | 77546 | 77236X |
| 017991 | 38411 | 65970 | 74406 | 77553 | 77376X |
| 017992 | 38428 | 66184 | 74411 | 77554 | 78560X |
| 018073 | 38429 | 66185 | 74805 | 78022 | 79485X |
| 019222 | 38431 | 66191 | 74806 | 79013 | 79641X |
| 020252 | 39713 | 67168 | 74826 | 79014 | 80207X |
| 020252A | 39714 | 67170 | 74827 | 79015 | 81307X |
| 020254 | 40026 | 67208 | 74835 | 79016 | |
| 020255 | 40652 | 67549 | 74868 | 79017 | |
| 020309D | 40894 | 67586 | 74869 | 79831 | |
| 022684A | 41377 | 67845 | 74870 | 79832 | |
| 027345 | 44210 | 68105 | 74872 | 79833 | |
| 034217A | 44426 | 68548 | 74970 | 79831 | |
| 035521 | 44430 | 68618 | 75036 | 79834 | |
| 035521A | 45431 | 69060 | 75037 | 80450 | |
| 038797 | 47171 | 69061 | 75038 | 80915 | |
| 058149 | 49092 | 69744 | 75039 | 81000 | |
| 063597A | 49430 | 70821 | 75075 | | |
| 075174 | 49950 | 72103 | 75078 | | |
| 096547 | 50376 | 72104 | 75089 | | |
| 096550 | 50385 | 72105 | 75090 | | |
| | 50376 | 72106 | 75234 | | |
| | 50750 | 72107 | 75238 | | |
| 10760 | 51081 | 72108 | 76239 | | |
| 11385 | 52013 | 73086 | 76240 | | |
| 13905 | 52018 | 73087 | 76241 | | |
| 15392 | 58546 | 73807 | 76560 | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-020252

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

JONAH

8. Well Name and No.

ALLEN FEDERAL 12-5

9. API Well No.

43-013-30611

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1830 FNL 0511 FWL SW/NW Section 5, T09S R17E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

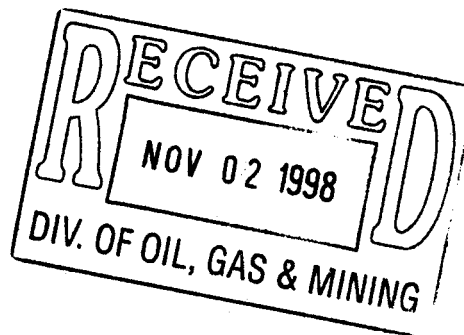
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company Site Facility Diagram

Allen Federal 12-5

SW/NW Sec. 5, T9S, 17E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office,
Roosevelt Utah

Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 3 & 4 sealed closed
- 2) Valves 1 open

Draining Phase:

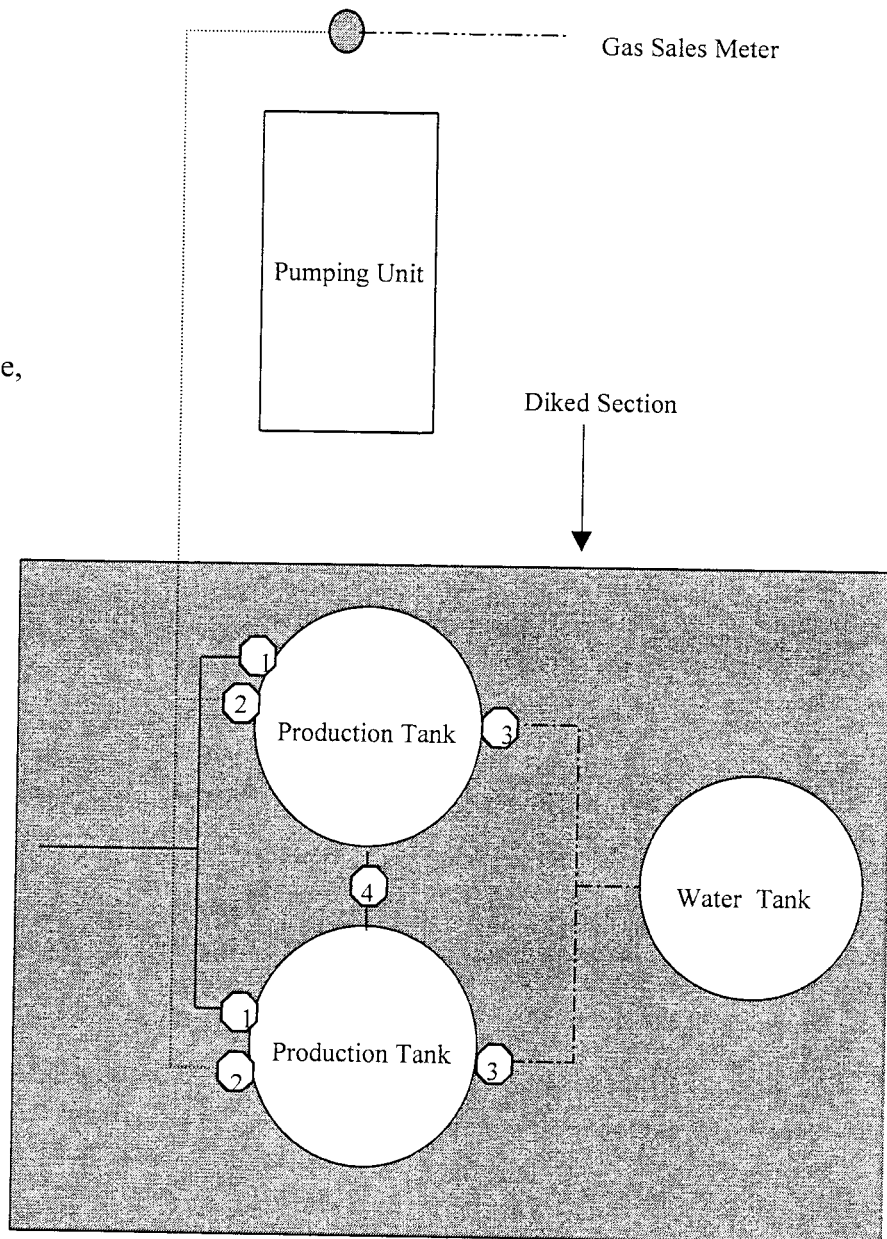
- 1) Valve 3 open

Emulsion Line

Load Line

Water Line - - - - -

Gas Sales - - - - -



OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****JONAH (GREEN RIVER)****WELL(S)**

| NAME | SEC TWN RNG | | | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|---------------------|-------------|------|------|------------|-----------|------------|-----------|-------------|
| MONUMENT BUTTE 1-23 | 01 | 090S | 160E | 4301330646 | 11492 | Federal | OW | S |
| MON BUTTE 1-24 | 01 | 090S | 160E | 4301330701 | 11492 | Federal | WI | A |
| MON BUTTE 1-13 | 01 | 090S | 160E | 4301330702 | 11492 | Federal | WI | A |
| MONUMENT BUTTE 1-14 | 01 | 090S | 160E | 4301330703 | 11492 | Federal | OW | S |
| MONUMENT BUTTE 1-43 | 01 | 090S | 160E | 4301330734 | 11492 | Federal | OW | P |
| MON BUTTE 1-33 | 01 | 090S | 160E | 4301330735 | 11492 | Federal | WI | A |
| MONUMENT BUTTE 1-34 | 01 | 090S | 160E | 4301330736 | 11492 | Federal | OW | P |
| CASTLE PK FED 44-10 | 10 | 090S | 160E | 4301330630 | 11492 | Federal | OW | P |
| GOVT C&O 4 | 12 | 090S | 160E | 4301330742 | 11492 | Federal | WI | A |
| GETTY 12-1 | 12 | 090S | 160E | 4301330889 | 11492 | Federal | OW | S |
| CASTLE PK FED 31-15 | 15 | 090S | 160E | 4301330613 | 11492 | Federal | OW | P |
| CASTLE PK FED 24-15 | 15 | 090S | 160E | 4301330631 | 11492 | Federal | OW | P |
| CASTLE PK FED 33-15 | 15 | 090S | 160E | 4301330632 | 11492 | Federal | OW | S |
| CASTLE PK FED 42-15 | 15 | 090S | 160E | 4301330633 | 11492 | Federal | OW | P |
| CASTLE PK FED 22-15 | 15 | 090S | 160E | 4301330634 | 11492 | Federal | OW | P |
| ALLEN FED 12-5 | 05 | 090S | 170E | 4301330611 | 11492 | Federal | OW | P |
| ALLEN FED 21-5 | 05 | 090S | 170E | 4301330612 | 11492 | Federal | OW | P |
| ALLEN FED 13-6 | 06 | 090S | 170E | 4301330918 | 11492 | Federal | WI | A |
| ALLEN FED 22-6 | 06 | 090S | 170E | 4301330919 | 11492 | Federal | WI | A |
| GETTY 7A | 07 | 090S | 170E | 4301330926 | 11492 | Federal | OW | P |
| | | | | | | | | |
| | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted on: _____

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

RECEIVED
DEC 29 2008

DIV. OF OIL, GAS & MINING

DEC 18 2008

Ref: 8P-W-GW

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Additional Well: Jonah Area Permit

UIC Permit No. UT20642-00000

Well ID: UT20642-08268

Allen Federal 12-5-9-17

1830' FNL & 511' FWL

SW NW Sec. 5 T9S-R17E

Duchesne County, Utah

API #43-013-30611

Dear Mr. Sundberg:

The Newfield Production Company's request to convert the former Green River Formation oil well Allen Federal 12-5-9-17 to an enhanced recovery injection well in the Jonah Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Jonah Area Permit No. UT20642-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3693 feet and the top of the Wasatch Formation, estimated at 5988 feet.


Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval: (1) the results of a **Part 1 (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, (3) **radioactive tracer survey** within a 180-day authorization to inject, and at least once every five years after the last successful test, and (4) a **completed EPA Form No. 7520-12** (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for the Allen Federal 12-5-9-17 was determined to be **1545 psig**. UIC Area Permit UT20642-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Ms. Sarah Bahrman at (303) 312-6243 or 1-(800)-227-8917 (Ext. 312-6243). Please submit the required data to **ATTENTION: Sarah Bahrman**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



 Eddie A. Sierra
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Encl: Authorization for Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record).
Proposed Wellbore and P&A Wellbore schematics for Allen Federal 12-5-9-17.

cc: Letter Only

Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
Ute Indian Tribe

Irene Cuch, Vice Chairwoman
Uintah & Ouray Business Committee
Ute Indian Tribe

Ronald Groves, Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Steven Cesspooch, Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Frances Poowegup, Councilwoman
Uintah & Ouray Business Committee
Ute Indian Tribe

Daniel Picard, Superintendent
U.S. Bureau of Indian Affairs
Uintah & Ouray Indian Agency

All enclosures:

Larry Love, Director
Energy and Minerals Department
Ute Indian Tribe

Michael Guinn, District Manager
Newfield Production Company
Myton, Utah

Michelle Sabori, Acting Environmental Director
GAP-106
Ute Indian Tribe

Gil Hunt, Associate Director
Utah Division of Oil, Gas and Mining

Fluid Minerals Engineering Office
U.S. Bureau of Land Management
Vernal Office

Elaine Willie, GAP Coordinator
Land Use Dept.
Ute Indian Tribe

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit No: UT20642-00000

The Jonah Final UIC Area Permit No. UT20642-00000, effective December 22, 1992, authorizes injection for the purpose of enhanced oil recovery into multiple lenticular sand units which are distributed throughout the lower portion of the Green River Formation. On October 24, 2008, the permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

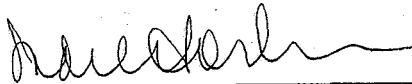
| | |
|---------------------|---|
| Well Name: | <u>Allen Federal 12-5-9-17</u> |
| EPA Well ID Number: | <u>UT 20642-08268</u> |
| Location: | 1830' FNL & 511' FWL SW NW Sec. 5 T9S-R17E Duchesne County, Utah API #43-013-30611 |

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20642-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20642-00000, as modified and as specified in the Well Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: DEC 18 2008


for **Eddie A. Sierra**
*Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20642-00000
Well: Allen Federal 12-5-9-17 EPA Well ID: UT20642-08268

Printed on Recycled Paper

WELL-SPECIFIC REQUIREMENTS

Well Name: Allen Federal 12-5-9-17
EPA Well ID Number: UT20642-08268

Prior to commencing injection operations, the permittee shall submit the following information and receive written Authority to Inject from the Director:

1. a successful Part I (Internal) Mechanical Integrity test (MIT);
2. pore pressure calculation of the proposed injection zone;
3. radioactive tracer survey within a 180-day authorization to inject, and at least once every five years after the last successful test;
4. completed Well Rework Record EPA Form No. 7520-12 and schematic diagram.

Approved Injection Zone: Injection is approved between the top of the Garden Gulch Member of the Green River Formation [3693 feet (KB)] to the top of the Wasatch Formation, which is estimated to be at a depth of 5988 feet (KB).

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1545 psig, based on the following calculation:

$$\begin{aligned}\text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where} \\ \text{FG} &= 0.810 \text{ psi/feet} \quad \text{SG} = 1.015 \quad \text{D} = \underline{4172 \text{ feet}} \quad (\text{top perforation depth KB}) \\ \text{MAIP} &= \underline{1545 \text{ psig}}\end{aligned}$$

UIC Area Permit No. UT20642-00000 also provides the opportunity for the permittee to request a change of the MAIP based upon results of a step rate test that demonstrates the formation breakdown pressure will not be exceeded.

Well Construction: The cement bond log (CBL) indicates that cement does not meet minimum requirements needed to demonstrate zone isolation (at least 18 feet of continuous 80% cement bond index, or better) through the Confining Zone. Therefore, further testing for Part II mechanical integrity (MI) will be required prior to injection and at least once every five years thereafter. The demonstration shall be by Radioactive Tracer Survey, as noted above, or another approved test. Approved tests for demonstrating Part II MI include a Radioactive Tracer Survey, Temperature Survey, Noise Log or Oxygen Activation Log.

Tubing and Packer: 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 50 feet above the top perforation.

Corrective Action for Wells in Area of Review (AOR): The following four (4) wells, that penetrate the confining zone within or proximate to a ¼ mile radius around the Allen Federal 12-5-9-17, were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDW:

Corrective Action Not Required

Well: Allen Federal 1-5A-9-17 NW NW Sec. 5-T9S-R17E
Shows 80% cement bond (per the CBL) through the confining zone from 3555 ft. to 3658 ft.
TOC at 3262 ft.

Well: Jonah Federal N-5-9-17 SW NW Sec. 5-T9S-R17E
Shows 80% cement bond (per the CBL) through the entire confining zone from 3560 ft. to 3768 ft.
TOC at 20 ft.

Well: Jonah Federal J-6-9-17 SE NE Sec. 6-T9S-R17E
Shows 80% cement bond (per the CBL) through the confining zone from 3630 ft. to 3830 ft.
TOC at 39 ft.

Well: Jonah Federal K-6-9-17 NW SW Sec. 5-T9S-R17E
Shows 80% cement bond (per the CBL) through the confining zone from 3642 ft.-3808 ft.
TOC at 69 ft.

Corrective Action Required

None

Demonstration of Mechanical Integrity: A successful demonstration of Part I (Internal) Mechanical Integrity using a standard Casing-Tubing pressure test is required for the Allen Federal 12-5-9-17 prior to injection and at least once every five years thereafter.

EPA reviewed the CBL and determined the cement through the confining zone is not sufficient to provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore. Therefore, pursuant to 40 CFR 146.8(a)(2), **the Permittee shall conduct a Part II (External) MI Test within a 180-day period of "Limited Authorization to Inject."** A Part II (External) MI Test shall be run at least once every five (5) years thereafter.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by the EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs and in accordance with other applicable Federal, State or local laws or regulations. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators

Authorization for Additional Well: UIC Area Permit UT20642-00000
Well: Allen Federal 12-5-9-17 EPA Well ID: UT20642-08268

and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation with a minimum 20-foot cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench between approximately 2835 ft. (KB) to 2995 ft. (KB) (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 160-foot balanced cement plug inside the 5-1/2" casing across the Trona Zone and the Mahogany Shale, from approximately 2835 ft. (KB) to 2995 ft. (KB).

PLUG NO. 3: Seal USDWs: Squeeze a cement plug on the backside of the 5-1/2" casing across the top of the Green River Formation between approximately 1381 ft. (KB) and 1501 ft. (KB) (unless pre-existing cement precludes cement-squeezing this interval), followed by a minimum 120-foot balanced plug inside the 5-1/2" casing across the base of the Uinta Formation, from approximately 1381 ft. (KB) to 1501 ft. (KB).

PLUG NO. 4: Seal Surface: Set a Class "G" cement plug within the 5-1/2" casing to 319 ft. and up the 5-1/2" x 8-5/8" casing annulus to the surface.

Cut off surface and 5-1/2" casing at least 4 ft below ground level and set P&A marker; submit Sundry Notices and all necessary data as required by the EPA and other regulatory agencies.

Reporting of Noncompliance:

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.

- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting:

The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting:

The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>.

Other Noncompliance:

The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information:

Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

WELL-SPECIFIC CONSIDERATIONS

Well Name: **Allen Federal 12-5-9-17**

EPA Well ID Number: **UT20642-08268**

Underground Sources of Drinking Water (USDWs): USDWs in the Pleasant Valley Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 80 feet below ground surface (94 ft. KB) in the Allen Federal 12-5-9-17.

Utah Division of Water Rights (searched online at <http://utstnrwrt6.waterrights.utah.gov/cgi-bin/wrplat.exe>):

There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: (Total Dissolved Solids [TDS]):

- TDS of the Douglas Creek Member – Green River Formation Water: 24,357 mg/l.

- TDS of Jonah Facility Injection System source water: 4,278 mg/l.

The **injectate** is a blend of drinking-quality water from the Johnson Water District supply line and/or water from the Green River supply line, as well as Green River Formation water.

Aquifer Exemption is **not** require because the concentration of total dissolved solids (TDS) of the Green River Formation water in the injection well is 24,357 mg/l.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is approximately 173 feet of shale between the depths of 3520 ft. and 3693 ft. (KB).

Injection Zone: The Injection Zone at this well location is approximately 2295 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3693 ft. (KB) to the top of the Wasatch Formation which is estimated to be at 5988 ft. (KB). All formation tops are based on correlations to the Newfield Production Federal #1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The CBL **does not show** 80% or greater cement bond index in the Confining Zone. Thus, demonstration of Part II Mechanical Integrity is required.

Surface Casing: 8-5/8" casing is set at 264 ft. (KB) in a 12-1/4" hole, using 200 sacks Class H cement.

Longstring Casing: 5-1/2" casing is set at 5365 ft. (KB) in a 7-7/8" hole secured with 1050 sacks of Class H cement. Total drilled depth is 5372 ft., and plugged back total depth is 5313 ft. EPA calculates top of cement at the surface (KB). Estimated CBL top of cement is 1000 ft (KB).

Perforations: Top perforation: **4172 ft.** (KB) Bottom perforation: **5160 ft.** (KB)

Wells in Area of Review (AOR): Construction and cementing records, including CBLs for four (4) wells in the 1/4 mile AOR that penetrated the Confining Zone, were reviewed. None of the four (4) wells in the AOR will require Corrective Action.

Wells Not Requiring Corrective Action:

| | | |
|-------------------------------|-------|-----------------|
| Well: Allen Federal 1-5A-9-17 | NW NW | Sec. 5-T9S-R17E |
| Well: Jonah Federal N-5-9-17 | SW NW | Sec. 5-T9S-R17E |
| Well: Jonah Federal J-6-9-17 | SE NE | Sec. 6-T9S-R17E |
| Well: Jonah Federal K-6-9-17 | NW SW | Sec. 5-T9S-R17E |



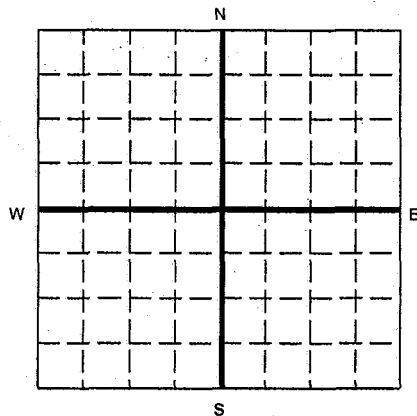
United States Environmental Protection Agency
Washington, DC 20460

WELL REWORK RECORD

Name and Address of Permittee

Name and Address of Contractor

Locate Well and Outline Unit on
Section Plat - 640 Acres



State

County

Permit Number

Surface Location Description

1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ft. from (N/S) Line of quarter section

and ft. from (E/W) Line of quarter section.

WELL ACTIVITY

- ☐ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage

Lease Name

Total Depth Before Rework

Total Depth After Rework

Date Rework Commenced

Date Rework Completed

TYPE OF PERMIT

☐ Individual☐ Area

Number of Wells

Well Number

WELL CASING RECORD -- BEFORE REWORK

| Casing | | Cement | | Perforations | | Acid or Fracture Treatment Record |
|--------|-------|--------|------|--------------|----|--------------------------------------|
| Size | Depth | Sacks | Type | From | To | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

| Casing | | Cement | | Perforations | | Acid or Fracture Treatment Record |
|--------|-------|--------|------|--------------|----|--------------------------------------|
| Size | Depth | Sacks | Type | From | To | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Signature

Date Signed

Allen Federal #12-5-9-17

Spud Date: 11/11/81

Put on Injection: 1/24/82

GL: 5230' KB: 5244'

Proposed Injection
Wellbore Diagram

Initial Production: 94 STBOPD,
35 MCFD, 35 STBWPD

SURFACE CASING

STRING: 1
CSG SIZE: 8 5/8" ✓
GRADE: K-55
WEIGHT: 24 lbs ✓
LENGTH: 7 jts @ 255'
DEPTH LANDED: 269-KB 264'
HOLE SIZE: 12 1/4"
CEMENT DATA: 200 sx, Class-H ✓
Cemented to surface

PRODUCTION CASING

STRING: 1
CSG SIZE: 5 1/2" ✓
GRADE: K-55
WEIGHT: 15.5 lbs ✓
LENGTH: 125 jts @ 5356'
DEPTH LANDED: 5370' KB, DV @ 3423' 5365'
D.V. TOOL: 3423' ✓
HOLE SIZE: 7 7/8" ✓
CEMENT DATA: 1050 sx, Class-H ✓
CEMENT TOP AT: 1000' from CBL ✓

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 163 jts (5094.85')
TUBING PACKER: 5112' KB
NO. OF JOINTS: 1 jts (31.25')
SEATING NIPPLE: 2 3/8" (1.10')
SN LANDED AT: 5144' KB
NO. OF JOINTS: 1 jts (32.28')
NO OF JOINTS 1 jts (5176.73')
TOTAL STRING LENGTH: EOT @ 5177' KB

FRAC JOB

4172'-4182' Frac w/Halliburton on 1-2-82.
4600 gal Ver 1400 w/72,500 lbs 20-40 sd. Avg 20 BPM
@ 1850 psig. max 2050 psig. ISIP @ 1800 psig. 15 min
@ 1660 psig. 20 min @ 1640 psig.
4842'-4862' Frac w/Halliburton on 1-7-82.
40,000 gal Ver 1400 w/72,500 lbs 20-40 sd. Avg 25 BPM
@ 1800 psig. max @ 2400 psig. ISIP @ 1850 psig. 15 min
@ 1610 psig. 20 min @ 1580 psig.
5010'-5018' Frac w/Halliburton on 1-3-82.
24,370 gal Gel w/21,300 lbs 20-40 sd. Avg 10 BPM
@ 4600 psig. max @ 7400 psig. ISIP @ 3400 psig. 20 min
@ 1850 psig.
5146'-5160' Frac w/Halliburton on 1-9-82.
51,900 gal Ver 1400 w/72,500 lbs 20-40 sd. Avg 20.5 BPM
@ 1950 psig. max @ 2250 psig. ISIP @ 1960 psig. 15 min
@ 1690 psig. 20 min @ 1660 psig.

02/24/06 Pump Change update rod and tubing detail
05/27/08 updated tubing and rod detail

ACID JOB

4172'-4182' 1000 gal 15% HCl Acid
4842'-4862' 2000 gal 15% HCl Acid
5010'-5018' 1000 gal 15% HCl Acid
5146'-5160' 1500 gal 15% HCl Acid

PERFORATION RECORD

4172'-4182' (10) 2 SPF
4842'-4862' (20) 2 SPF
5010'-5018' (8) 2 SPF
5146'-5160' (14) 2 SPF

Packer @ 4137'

4172'-4182'

4673'

Top Douglas

4842'-4862' (111)

5010'-5018'

5146'-5160'

PBTD @ 5356'

SHOE @ 5370'

TD @ 5372' ✓

NEWFIELD

Allen Federal #12-5-9-17
1830' FNL & 511' FWL
SW/NW Section 5-T9S-R17E
Duchesne Co. Utah
API #43-013-30611; Lease #11-020252

estimated Top Basal Carbonate @ 5863'
estimated Top water @ 5988'

(CT 10/6/08)

Allen Federal #12-5-9-17

Spud Date: 11/11/81

Put on Injection: 1/24/82

GL: 5230' KB: 5244'

Initial Production: 94 STBOPD.
35 MCFD, 35 STBWP

Proposed P & A Wellbore Diagram

SURFACE CASING

STRING: 1
CSG SIZE: 8 5/8"
GRADE: K-55
WEIGHT: 24 lbs
LENGTH: 7 jts @ 255'
DEPTH LANDED: 269' KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 200 sx, Class-H
Cemented to surface

Plug 4 surface
to 319'
Casing Shoe @ 269'

- 94' Base USDW (Pub 92)
Circulate 90 sx Class "G" Cement down 5-1/2" casing and up
the 5-1/2" x 8-5/8" annulus
Perforate 4 JSPF @ 319' ✓

PRODUCTION CASING

STRING: 1
CSG SIZE: 5 1/2"
GRADE: K-55
WEIGHT: 15.5 lbs
LENGTH: 125 jts @ 5356'
DEPTH LANDED: 5370' KB, DV @ 3423'
O.V. TOOL: 3423'
HOLE SIZE: 7 7/8"
CEMENT DATA: 1050 sx, Class-H
CEMENT TOP AT: 1000' from CBL

Plug 3 - 1381' to
1501'
(120' balanced
plug)

Cement Top @ 1000'

- 1441' Top Green River

Plug 2 - 2835' to
2995'
(160' plug)

2888' Top T1000
2716' Top Mahogany Bench. (to 2944')

Plug 1 - CIBP ≤ 50' above
top perf with at least
20' cement on top.

100' (12 sx) Class G Cement plug on top of CIBP
CIBP @ 50' above top perf.

4172'-4182'

4842'-4862'

5010'-5018'

5146'-5160'

PBTD @ 5356'

SHOE @ 5370'

TD @ 5372'

NEWFIELD

Allen Federal #12-5-9-17
1830' FNL & 511' FWL
SW/NW Section 5-T9S-R17E
Duchesne Co, Utah
API #43-013-30611; Lease #U-020252

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|---|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-020252 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: GMBU |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1830 FNL 511 FWL | | 8. WELL NAME and NUMBER: ALLEN FED 12-5 |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 5, T9S, R17E | | 9. API NUMBER: 4301330611 |
| | | 10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE |
| | | COUNTY: DUCHESNE |
| | | STATE: UT |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 01/30/2010 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input checked="" type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: - |
| | <input checked="" type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

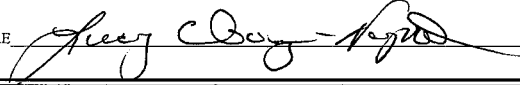
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 01/30/2010.

On 12/02/2009 Sarah Bahrman with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 12/09/2009. On 01/30/2010 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20642-08268 API# 43-013-30611

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

| | |
|---|--------------------------------|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | TITLE Administrative Assistant |
| SIGNATURE  | DATE 02/03/2010 |

(This space for State use only)

RECEIVED
FEB 04 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

ALLEN 12-5-9-17**11/1/2009 To 3/28/2010****1/28/2010 Day: 2****Conversion**

WWS #7 on 1/28/2010 - Finish LD rods and pump. Start TOH W/ production tbg. - RU HO trk & flush tbg and rods W/ 30 BW @ 250°F. Con't TOH and LD rod string and pump. Flushed twice more on TOH. ND wellhead. Had to work to release pkr @ 5112'. NU BOP. Flush tbg W/ 30 BW. TOH & talley production tbg. Broke each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 42 jts. SIFN. - RU HO trk & flush tbg and rods W/ 30 BW @ 250°F. Con't TOH and LD rod string and pump. Flushed twice more on TOH. ND wellhead. Had to work to release pkr @ 5112'. NU BOP. Flush tbg W/ 30 BW. TOH & talley production tbg. Broke each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 42 jts. SIFN. - MIRU Western #7. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. RU HO trk to tbg--won't flush. Pump add'l 50 BW dn annulus @ 250°F. Tie back onto tbg. Able to flush 25 bbls while working rods. TOH & LD 64 rods. PU polished rod & SIFN. - MIRU Western #7. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. RU HO trk to tbg--won't flush. Pump add'l 50 BW dn annulus @ 250°F. Tie back onto tbg. Able to flush 25 bbls while working rods. TOH & LD 64 rods. PU polished rod & SIFN.

Daily Cost: \$0**Cumulative Cost:** \$61,802**2/1/2010 Day: 3****Conversion**

WWS #7 on 2/1/2010 - TOH w/ production tbg. TIH W/ pkr & pressure test tbg. - RU HO trk & flush tbg W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Broke each connection, clean & inspect pins and apply Liquyid O-ring to pins. LD btm 33 jts tbg and BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X pkr (smallbore, W/ wicker slips and W.L. re-entry guide), new 2 3/8" SN and 132 jts 2 3/8 8rd 4.7# J-55 tbg. Re-torqued each connection on TIH. RU HO trk to tbg. Pump 5 bbl pad & drop standing valve. Pump to SN & pressure test to 3000 psi. Bled air & re-pressured several times--final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. SIFN. - ND BOP & land tbg on flange. RU HO trk to annulus. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 75 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4142', CE @ 4146' & EOT @ 4149'. Land tbg W/ 15,000# tension & NU wellhead. Pressure test tbg & annulus to 1500 psi. Pressure remained solid for 1 hour. RDMOSU. Well ready for MIT. - ND BOP & land tbg on flange. RU HO trk to annulus. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 75 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4142', CE @ 4146' & EOT @ 4149'. Land tbg W/ 15,000# tension & NU wellhead. Pressure test tbg & annulus to 1500 psi. Pressure remained solid for 1 hour. RDMOSU. Well ready for MIT. - RU HO trk & flush tbg W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Broke each connection, clean & inspect pins and apply Liquyid O-ring to pins. LD btm 33 jts tbg and BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X pkr (smallbore, W/ wicker slips and W.L. re-entry guide), new 2 3/8" SN and 132 jts 2 3/8 8rd 4.7# J-55 tbg. Re-torqued each connection on TIH. RU HO trk to tbg. Pump 5 bbl pad & drop standing valve. Pump to SN & pressure test to 3000 psi. Bled air & re-pressured several times--final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$67,326

2/2/2010 Day: 5**Conversion**

Rigless on 2/2/2010 - MIT on well - On 12/2/2009 Sarah Barhman with the EPA was contacted concerning the initial MIT on the above listed well (Allen Federal 12-5-9-17). Permission was given at that time to perform the test on 12/9/2009. On 1/30/2010 the csg was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 200 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT20642-08268 API# 43-013-30611 **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$71,051

Pertinent Files: Go to File List

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 1 / 30 / 2016
Test conducted by: Rowdy Cloward
Others present: _____

| | | |
|---|--|-------------------------|
| Well Name: <u>Allen Federal 12-5-9-17</u> | Type: <u>ER SWD</u> | Status: <u>AC TA UC</u> |
| Field: <u>Monument Butte</u> | | |
| Location: <u>Allen Fed 12</u> Sec: <u>5</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u> | | |
| Operator: <u>Newfield Production</u> | | |
| Last MIT: <u>1 / 1</u> | Maximum Allowable Pressure: _____ PSIG | |

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

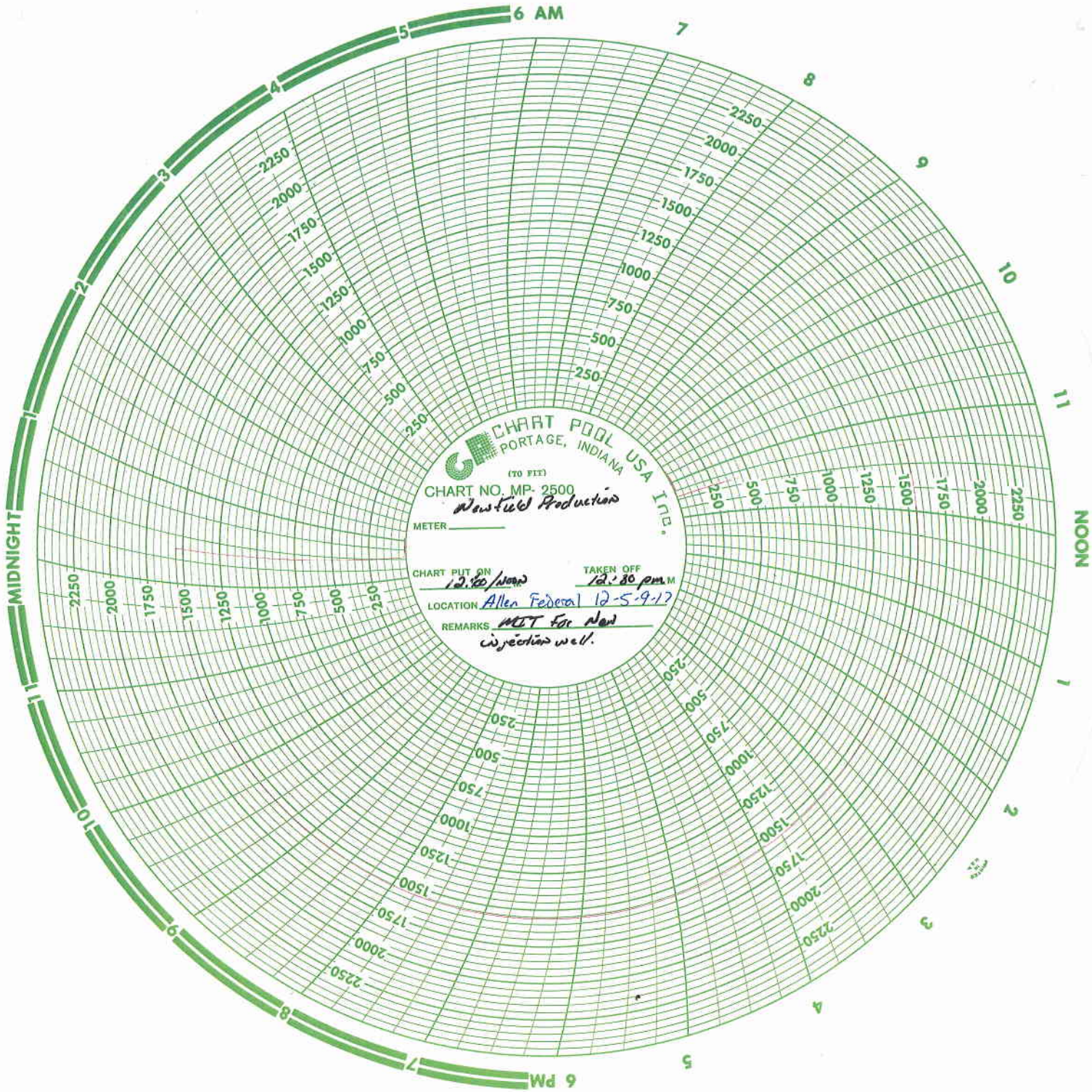
| MIT DATA TABLE | Test #1 | Test #2 | Test #3 |
|------------------------|--|---|---|
| TUBING | PRESSURE | | |
| Initial Pressure | <u>200</u> psig | psig | psig |
| End of test pressure | <u>200</u> psig | psig | psig |
| CASING / TUBING | ANNULUS PRESSURE | | |
| 0 minutes | <u>1550</u> psig | psig | psig |
| 5 minutes | <u>1550</u> psig | psig | psig |
| 10 minutes | <u>1550</u> psig | psig | psig |
| 15 minutes | <u>1550</u> psig | psig | psig |
| 20 minutes | <u>1550</u> psig | psig | psig |
| 25 minutes | <u>1550</u> psig | psig | psig |
| 30 minutes | <u>1550</u> psig | psig | psig |
| _____ minutes | psig | psig | psig |
| _____ minutes | psig | psig | psig |
| RESULT | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1830 FNL 511 FWL
SWNW Section 5 T9S R17E

5. Lease Serial No.

USA UTU-020252

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

8. Well Name and No.

ALLEN FED 12-5

9. API Well No.

4301330611

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | Change Status _____ |
| | <input checked="" type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 01/30/2010.

On 12/02/2009 Sarah Bahrman with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 12/09/2009. On 01/30/2010 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20642-08268

API# 43-013-30611

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

02/03/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

APR 01 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, UT 84052

RECEIVED

APR 07 2010

DIV. OF OIL, GAS & MINING

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
EPA UIC Permit UT20642-08268
Allen Federal 12-5-9-17
SWNW Sec. 5-T9S-R17E
Duchesne County, Utah
API No.: 43-013-30611

Dear Mr. Guinn:

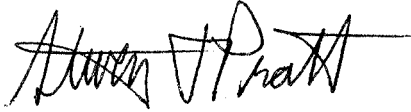
The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) February 2, 2010, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20642-08268.

As of the date of this letter, Newfield is authorized to commence injection into the Allen Federal 12-5-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,545 psig for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. If Newfield seeks a higher MAIP than 1,545 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20642-08268.

If you have questions regarding the above action, please call Jason Deardorff at 303-312-6583 or 1-800-227-8917, ext. 312-6583. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-GW.

Sincerely,



for

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

GMBU

8. WELL NAME and NUMBER:

ALLEN FED 12-5

9. API NUMBER:

4301330611

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1830 FNL 511 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 5, T9S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will

04/19/2010

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of Work Completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☒ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/STOP)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLAIR

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: - Put on Injection

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:30 PM on 04/19/2010.

EPA: UT20642-08268

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 04/20/2010

(This space for State use only)

RECEIVED

APR 26 2010

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1830 FNL 511 FWL

SWNW Section 5 T9S R17E

5. Lease Serial No.

USA UTU-020252

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

ALLEN FED 12-5

9. API Well No.

4301330611

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | Put on Injection _____ |
| | <input checked="" type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | _____ |

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 11:30 PM on 04/19/2010.

EPA: UT20642-08268

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

04/20/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

APR 26 2010

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|--|--|---|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER | | 5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-020252 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: GMBU |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1830 FNL 511 FWL | | 8. WELL NAME and NUMBER: ALLEN FED 12-5 |
| OTR/OTR. SECTION TOWNSHIP. RANGE. MERIDIAN: SWNW, 5, T9S, R17E | | 9. API NUMBER: 4301330611 |
| | | 10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT |
| | | COUNTY: DUCHESNE |
| | | STATE: UT |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

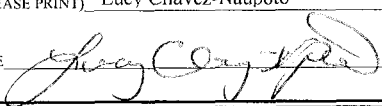
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|--|---|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Step Rate Test |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/09/2010 | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on June 9, 2010. Results from the test indicate that the fracture gradient is .839 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1545 psi to 1665 psi.

EPA: UT20642-08268 API: 43-013-30611

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

| | |
|---|--------------------------------|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | TITLE Administrative Assistant |
| SIGNATURE  | DATE 07/06/2010 |

(This space for State use only)

RECEIVED
JUL 12 2010
DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 06/17/2010

Operator:

Newfield Production Company

Well:

Allen Federal 12-5-9-17

Permit #:

UT20642-08268

Enter the following data :

| | | | |
|---|--------------|------|-------------|
| Specific Gravity (sg) of injectate = | <u>1.015</u> | g/cc | |
| Depth to top perforation (D) = | <u>4172</u> | feet | 4172 |
| Top of permitted injection zone depth (blank=use top perforation to calculate fg) = | | feet | |
| Estimated Formation Parting Pressure (Pfp) from SRT chart = | <u>1740</u> | psi | |
| Instantaneous Shut In Pressure (ISIP) from SRT = | <u>1666</u> | psi | 1740 |
| Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder = | | psi | no downhole |

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.839 psi/ft.

where: $fg = Pbhp / D$ (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1666

D = depth used = 4172

Pbhp used = 3500

Calculated Bottom Hole Parting Pressure (Pbhp) = 3500 psi

3499.573

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)

(Uses lesser of ISIP or Pfp) Value used = 1666

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

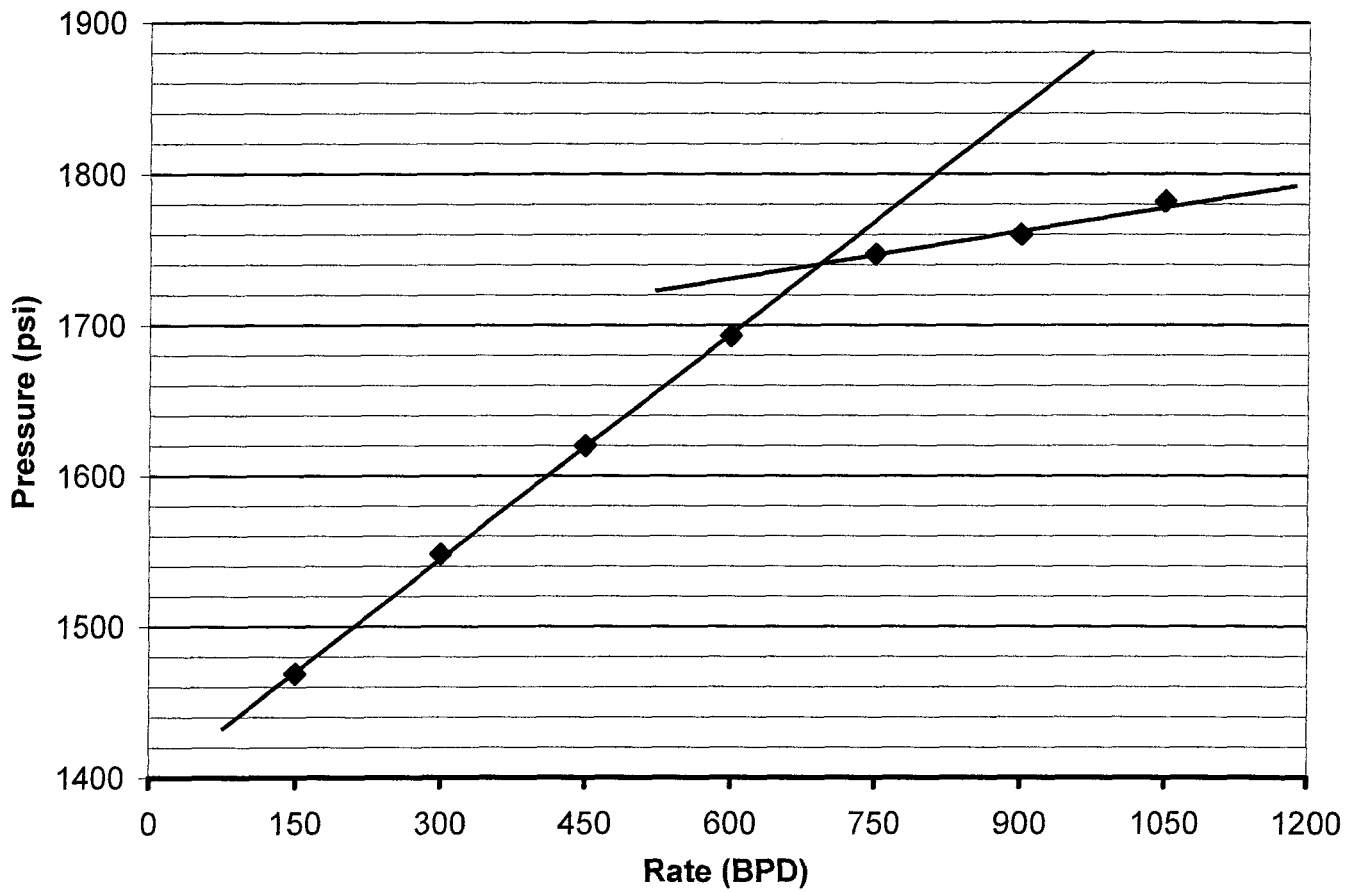
Maximum Allowable Injection Pressure (MAIP) = 1665 psig

D = depth used = 4172

MAIP = $[fg - (0.433 * SG)] * D = 1666.735$

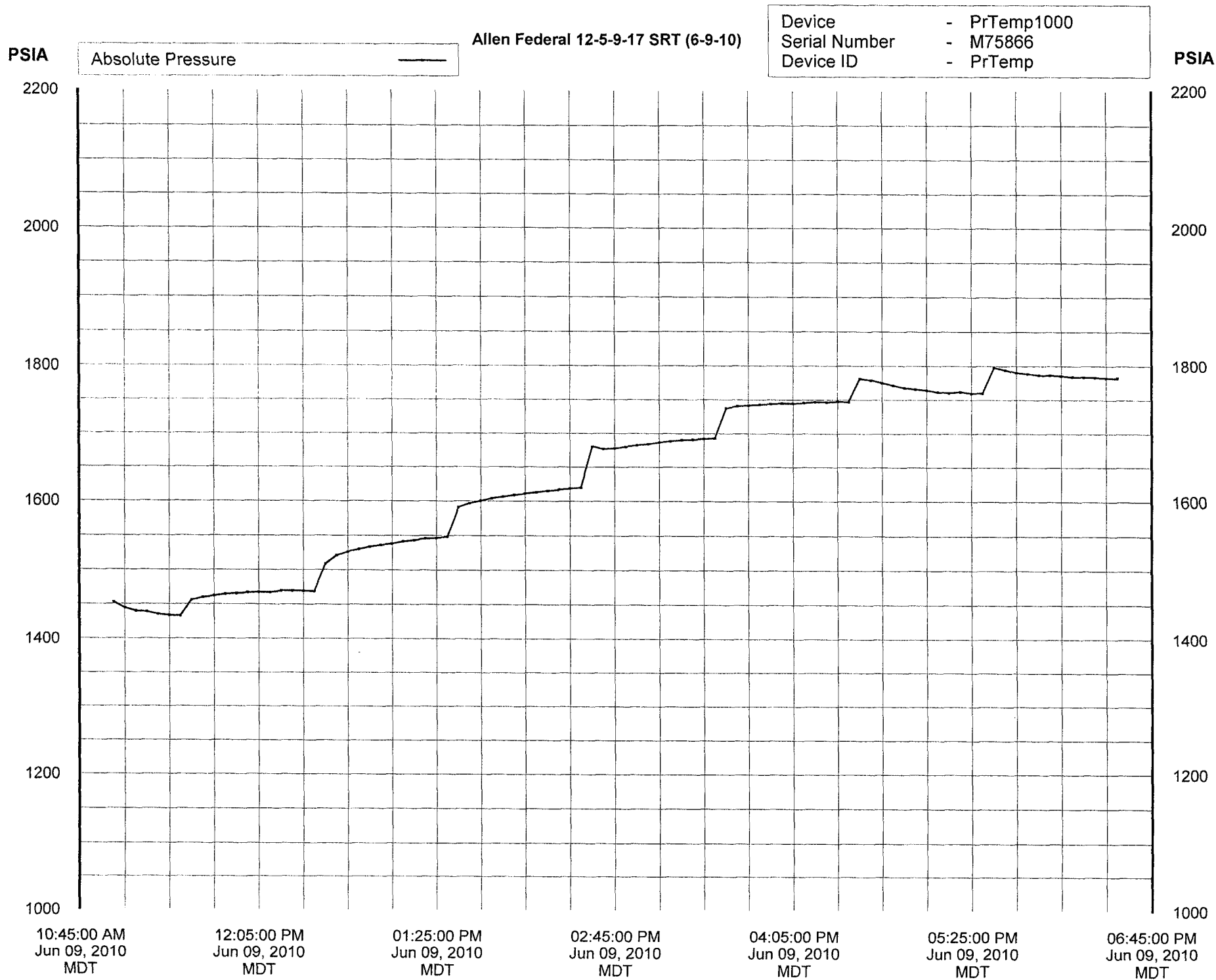
(rounded down to nearest 5 psig)

Allen Federal 12-5-9-17
Greater Monument Butte Unit
Step Rate Test
June 9, 2010



Start Pressure: 1433 psi
Instantaneous Shut In Pressure (ISIP): 1666 psi
Top Perforation: 4172 feet
Fracture pressure (P_{fp}): 1740 psi
FG: 0.857 psi/ft

| Step | Rate(bpd) | Pressure(psi) |
|------|-----------|---------------|
| 1 | 150 | 1469 |
| 2 | 300 | 1548 |
| 3 | 450 | 1620 |
| 4 | 600 | 1693 |
| 5 | 750 | 1747 |
| 6 | 900 | 1760 |
| 7 | 1050 | 1782 |



File Name: C:\Program Files\PTC® Instruments 2.00\Allen Federal 12-5-9-17 SRT
 Title: (6-9-10).csv
 Device: Allen Federal 12-5-9-17 SRT (6-9-10)
 Hardware Revision: PrTemp1000 - Temperature and Pressure Recorder
 Serial Number: REV2C (64K)
 Device ID: M75866
 Data Start Date: PrTemp
 Data End Date: Jun 09, 2010 10:59:57 AM MDT
 Reading Rate: 2 Seconds
 Readings: 1 to 91 of 91
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

| <u>Reading</u> | <u>Date and Time (MDT)</u> | <u>Absolute Pressure</u> | <u>Annotation</u> |
|----------------|----------------------------|--------------------------|-------------------|
| 1 | Jun 09, 2010 10:59:57 AM | 1452.400 | PSIA |
| 2 | Jun 09, 2010 11:04:57 AM | 1444.400 | PSIA |
| 3 | Jun 09, 2010 11:09:57 AM | 1440.000 | PSIA |
| 4 | Jun 09, 2010 11:14:58 AM | 1438.600 | PSIA |
| 5 | Jun 09, 2010 11:19:57 AM | 1435.200 | PSIA |
| 6 | Jun 09, 2010 11:24:57 AM | 1433.800 | PSIA |
| 7 | Jun 09, 2010 11:29:57 AM | 1432.600 | PSIA |
| 8 | Jun 09, 2010 11:34:57 AM | 1456.000 | PSIA |
| 9 | Jun 09, 2010 11:39:57 AM | 1460.000 | PSIA |
| 10 | Jun 09, 2010 11:44:58 AM | 1462.200 | PSIA |
| 11 | Jun 09, 2010 11:49:57 AM | 1464.600 | PSIA |
| 12 | Jun 09, 2010 11:54:58 AM | 1465.600 | PSIA |
| 13 | Jun 09, 2010 11:59:58 AM | 1466.800 | PSIA |
| 14 | Jun 09, 2010 12:04:58 PM | 1467.600 | PSIA |
| 15 | Jun 09, 2010 12:09:58 PM | 1467.200 | PSIA |
| 16 | Jun 09, 2010 12:14:58 PM | 1469.400 | PSIA |
| 17 | Jun 09, 2010 12:19:58 PM | 1469.400 | PSIA |
| 18 | Jun 09, 2010 12:24:58 PM | 1469.400 | PSIA |
| 19 | Jun 09, 2010 12:29:58 PM | 1468.800 | PSIA |
| 20 | Jun 09, 2010 12:34:57 PM | 1508.400 | PSIA |
| 21 | Jun 09, 2010 12:39:58 PM | 1521.000 | PSIA |
| 22 | Jun 09, 2010 12:44:58 PM | 1526.400 | PSIA |
| 23 | Jun 09, 2010 12:49:58 PM | 1530.200 | PSIA |
| 24 | Jun 09, 2010 12:54:58 PM | 1533.600 | PSIA |
| 25 | Jun 09, 2010 12:59:58 PM | 1536.200 | PSIA |
| 26 | Jun 09, 2010 01:04:58 PM | 1538.000 | PSIA |
| 27 | Jun 09, 2010 01:09:58 PM | 1541.400 | PSIA |
| 28 | Jun 09, 2010 01:14:58 PM | 1543.200 | PSIA |
| 29 | Jun 09, 2010 01:19:57 PM | 1545.800 | PSIA |
| 30 | Jun 09, 2010 01:24:58 PM | 1546.400 | PSIA |
| 31 | Jun 09, 2010 01:29:58 PM | 1548.400 | PSIA |
| 32 | Jun 09, 2010 01:34:58 PM | 1591.000 | PSIA |
| 33 | Jun 09, 2010 01:39:58 PM | 1596.800 | PSIA |
| 34 | Jun 09, 2010 01:44:58 PM | 1600.600 | PSIA |
| 35 | Jun 09, 2010 01:49:58 PM | 1603.800 | PSIA |
| 36 | Jun 09, 2010 01:54:58 PM | 1606.400 | PSIA |
| 37 | Jun 09, 2010 01:59:58 PM | 1608.800 | PSIA |
| 38 | Jun 09, 2010 02:04:57 PM | 1610.800 | PSIA |
| 39 | Jun 09, 2010 02:09:58 PM | 1612.800 | PSIA |
| 40 | Jun 09, 2010 02:14:58 PM | 1614.800 | PSIA |
| 41 | Jun 09, 2010 02:19:58 PM | 1616.400 | PSIA |
| 42 | Jun 09, 2010 02:24:58 PM | 1618.400 | PSIA |
| 43 | Jun 09, 2010 02:29:58 PM | 1619.600 | PSIA |
| 44 | Jun 09, 2010 02:34:58 PM | 1680.600 | PSIA |
| 45 | Jun 09, 2010 02:39:58 PM | 1677.200 | PSIA |
| 46 | Jun 09, 2010 02:44:58 PM | 1678.000 | PSIA |
| 47 | Jun 09, 2010 02:49:57 PM | 1680.400 | PSIA |
| 48 | Jun 09, 2010 02:54:58 PM | 1682.800 | PSIA |
| 49 | Jun 09, 2010 02:59:58 PM | 1684.400 | PSIA |
| 50 | Jun 09, 2010 03:04:58 PM | 1687.200 | PSIA |
| 51 | Jun 09, 2010 03:09:58 PM | 1688.800 | PSIA |
| 52 | Jun 09, 2010 03:14:58 PM | 1690.600 | PSIA |
| 53 | Jun 09, 2010 03:19:58 PM | 1691.200 | PSIA |
| 54 | Jun 09, 2010 03:24:58 PM | 1692.400 | PSIA |
| 55 | Jun 09, 2010 03:29:58 PM | 1693.200 | PSIA |
| 56 | Jun 09, 2010 03:34:57 PM | 1737.400 | PSIA |
| 57 | Jun 09, 2010 03:39:58 PM | 1740.600 | PSIA |
| 58 | Jun 09, 2010 03:44:58 PM | 1741.600 | PSIA |
| 59 | Jun 09, 2010 03:49:58 PM | 1743.000 | PSIA |

| | | | |
|-----|--------------------------|----------|------|
| .60 | Jun 09, 2010 03:55:02 PM | 1743.800 | PSIA |
| 61 | Jun 09, 2010 03:59:59 PM | 1744.800 | PSIA |
| 62 | Jun 09, 2010 04:04:58 PM | 1744.600 | PSIA |
| 63 | Jun 09, 2010 04:09:59 PM | 1745.400 | PSIA |
| 64 | Jun 09, 2010 04:14:58 PM | 1746.800 | PSIA |
| 65 | Jun 09, 2010 04:19:57 PM | 1746.600 | PSIA |
| 66 | Jun 09, 2010 04:24:59 PM | 1747.600 | PSIA |
| 67 | Jun 09, 2010 04:29:58 PM | 1746.800 | PSIA |
| 68 | Jun 09, 2010 04:34:58 PM | 1781.400 | PSIA |
| 69 | Jun 09, 2010 04:39:58 PM | 1779.000 | PSIA |
| 70 | Jun 09, 2010 04:44:58 PM | 1775.000 | PSIA |
| 71 | Jun 09, 2010 04:49:58 PM | 1771.200 | PSIA |
| 72 | Jun 09, 2010 04:54:58 PM | 1767.800 | PSIA |
| 73 | Jun 09, 2010 04:59:58 PM | 1765.600 | PSIA |
| 74 | Jun 09, 2010 05:04:57 PM | 1764.200 | PSIA |
| 75 | Jun 09, 2010 05:09:58 PM | 1761.400 | PSIA |
| 76 | Jun 09, 2010 05:14:58 PM | 1760.200 | PSIA |
| 77 | Jun 09, 2010 05:19:58 PM | 1761.800 | PSIA |
| 78 | Jun 09, 2010 05:24:58 PM | 1759.600 | PSIA |
| 79 | Jun 09, 2010 05:29:58 PM | 1759.600 | PSIA |
| 80 | Jun 09, 2010 05:34:58 PM | 1798.400 | PSIA |
| 81 | Jun 09, 2010 05:39:58 PM | 1794.600 | PSIA |
| 82 | Jun 09, 2010 05:44:58 PM | 1790.400 | PSIA |
| 83 | Jun 09, 2010 05:49:57 PM | 1788.800 | PSIA |
| 84 | Jun 09, 2010 05:54:58 PM | 1787.000 | PSIA |
| 85 | Jun 09, 2010 05:59:58 PM | 1786.600 | PSIA |
| 86 | Jun 09, 2010 06:04:58 PM | 1785.600 | PSIA |
| 87 | Jun 09, 2010 06:09:58 PM | 1784.400 | PSIA |
| 88 | Jun 09, 2010 06:14:58 PM | 1783.800 | PSIA |
| 89 | Jun 09, 2010 06:19:58 PM | 1783.400 | PSIA |
| 90 | Jun 09, 2010 06:24:58 PM | 1782.600 | PSIA |
| 91 | Jun 09, 2010 06:29:58 PM | 1782.200 | PSIA |

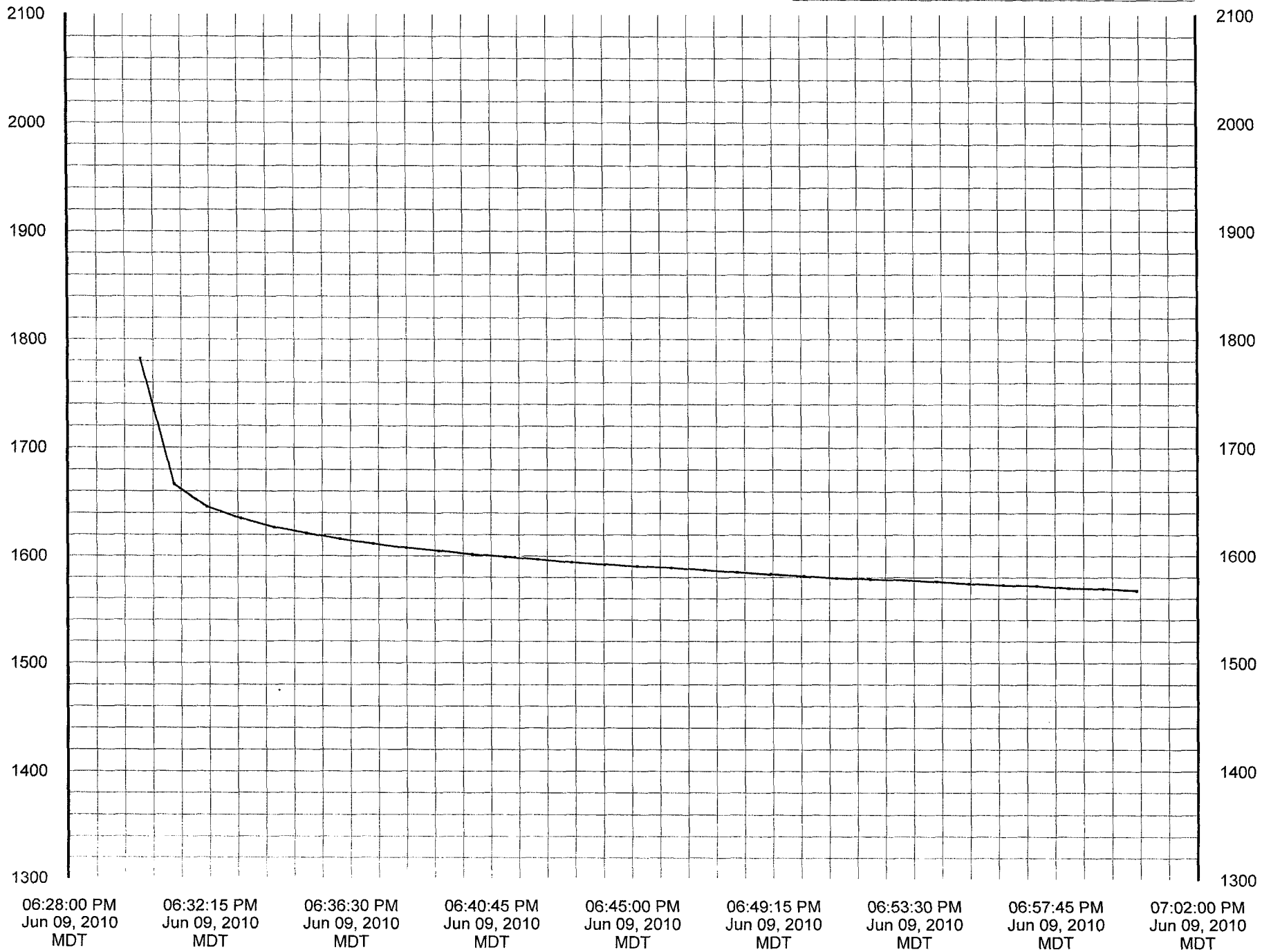
Allen Federal 12-5-9-17 ISIP (6-9-10)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

PSIA

Absolute Pressure

PSIA



File Name: C:\Program Files\PTC\ Instruments 2.00\Allen Federal 12-5-9-17 ISIP
(6-9-10).csv
Title: Allen Federal 12-5-9-17 ISIP (6-9-10)
Device: PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision: REV2C (64K)
Serial Number: M75866
Device ID: PrTemp
Data Start Date: Jun 09, 2010 06:30:10 PM MDT
Data End Date: Jun 09, 2010 07:00:11 PM MDT
Reading Rate: 2 Seconds
Readings: 1 to 31 of 31
Last Calibration Date: May 22, 2009
Next Calibration Date: May 22, 2010

| <u>Reading</u> | <u>Date and Time (MDT)</u> | <u>Absolute Pressure</u> | <u>Annotation</u> |
|----------------|----------------------------|--------------------------|-------------------|
| 1 | Jun 09, 2010 06:30:10 PM | 1782.000 | PSIA |
| 2 | Jun 09, 2010 06:31:11 PM | 1666.400 | PSIA |
| 3 | Jun 09, 2010 06:32:10 PM | 1646.000 | PSIA |
| 4 | Jun 09, 2010 06:33:11 PM | 1635.200 | PSIA |
| 5 | Jun 09, 2010 06:34:11 PM | 1627.000 | PSIA |
| 6 | Jun 09, 2010 06:35:10 PM | 1621.200 | PSIA |
| 7 | Jun 09, 2010 06:36:11 PM | 1616.000 | PSIA |
| 8 | Jun 09, 2010 06:37:11 PM | 1611.400 | PSIA |
| 9 | Jun 09, 2010 06:38:11 PM | 1607.400 | PSIA |
| 10 | Jun 09, 2010 06:39:10 PM | 1604.600 | PSIA |
| 11 | Jun 09, 2010 06:40:11 PM | 1601.400 | PSIA |
| 12 | Jun 09, 2010 06:41:11 PM | 1599.200 | PSIA |
| 13 | Jun 09, 2010 06:42:10 PM | 1596.800 | PSIA |
| 14 | Jun 09, 2010 06:43:11 PM | 1594.200 | PSIA |
| 15 | Jun 09, 2010 06:44:11 PM | 1592.200 | PSIA |
| 16 | Jun 09, 2010 06:45:10 PM | 1590.200 | PSIA |
| 17 | Jun 09, 2010 06:46:11 PM | 1588.800 | PSIA |
| 18 | Jun 09, 2010 06:47:11 PM | 1586.600 | PSIA |
| 19 | Jun 09, 2010 06:48:10 PM | 1584.600 | PSIA |
| 20 | Jun 09, 2010 06:49:11 PM | 1582.800 | PSIA |
| 21 | Jun 09, 2010 06:50:11 PM | 1581.200 | PSIA |
| 22 | Jun 09, 2010 06:51:10 PM | 1579.200 | PSIA |
| 23 | Jun 09, 2010 06:52:11 PM | 1578.200 | PSIA |
| 24 | Jun 09, 2010 06:53:11 PM | 1577.400 | PSIA |
| 25 | Jun 09, 2010 06:54:11 PM | 1575.800 | PSIA |
| 26 | Jun 09, 2010 06:55:09 PM | 1574.000 | PSIA |
| 27 | Jun 09, 2010 06:56:11 PM | 1572.600 | PSIA |
| 28 | Jun 09, 2010 06:57:11 PM | 1571.800 | PSIA |
| 29 | Jun 09, 2010 06:58:09 PM | 1569.600 | PSIA |
| 30 | Jun 09, 2010 06:59:11 PM | 1569.000 | PSIA |
| 31 | Jun 09, 2010 07:00:11 PM | 1567.600 | PSIA |

Allen Federal 12-5-9-17 Rate Sheet (6-9-10)

| | | | | | | | |
|-----------------|-------|--------|--------|--------|--------|--------|--------|
| Step # 1 | Time: | 11:35 | 11:40 | 11:45 | 11:50 | 11:55 | 12:00 |
| | Rate: | 150.5 | 150.5 | 150.4 | 150.4 | 150.4 | 150.4 |
| | Time: | 12:05 | 12:10 | 12:15 | 12:20 | 12:25 | 12:30 |
| | Rate: | 150.4 | 150.4 | 150.3 | 150.3 | 150.3 | 150.3 |
| Step # 2 | Time: | 12:35 | 12:40 | 12:45 | 12:50 | 12:55 | 1:00 |
| | Rate: | 300.5 | 300.5 | 300.5 | 300.5 | 300.5 | 300.4 |
| | Time: | 1:05 | 1:10 | 1:15 | 1:20 | 1:25 | 1:30 |
| | Rate: | 300.3 | 300.3 | 300.3 | 300.3 | 300.3 | 300.2 |
| Step # 3 | Time: | 1:35 | 1:40 | 1:45 | 1:50 | 1:55 | 2:00 |
| | Rate: | 450.4 | 450.4 | 450.4 | 450.3 | 450.3 | 450.3 |
| | Time: | 2:05 | 2:10 | 2:15 | 2:20 | 2:25 | 2:30 |
| | Rate: | 450.3 | 450.2 | 450.2 | 450.2 | 450.2 | 450.2 |
| Step # 4 | Time: | 2:35 | 2:40 | 2:45 | 2:50 | 2:55 | 3:00 |
| | Rate: | 600.5 | 600.5 | 600.5 | 600.5 | 600.4 | 600.4 |
| | Time: | 3:05 | 3:10 | 3:15 | 3:20 | 3:25 | 3:30 |
| | Rate: | 600.3 | 600.3 | 600.3 | 600.2 | 600.2 | 600.2 |
| Step # 5 | Time: | 3:35 | 3:40 | 3:45 | 3:50 | 3:55 | 4:00 |
| | Rate: | 750.6 | 750.6 | 750.6 | 750.4 | 750.4 | 750.4 |
| | Time: | 4:05 | 4:10 | 4:15 | 4:20 | 4:25 | 4:30 |
| | Rate: | 750.4 | 750.4 | 750.3 | 750.3 | 750.2 | 750.2 |
| Step # 6 | Time: | 4:35 | 4:40 | 4:45 | 4:50 | 4:55 | 5:00 |
| | Rate: | 900.4 | 900.4 | 900.4 | 900.3 | 900.4 | 900.3 |
| | Time: | 5:05 | 5:10 | 5:15 | 5:20 | 5:25 | 5:30 |
| | Rate: | 900.3 | 900.2 | 900.2 | 900.1 | 900.1 | 900.1 |
| Step # 7 | Time: | 5:35 | 5:40 | 5:45 | 5:50 | 5:55 | 6:00 |
| | Rate: | 1050.5 | 1050.5 | 1050.5 | 1050.5 | 1050.4 | 1050.4 |
| | Time: | 6:05 | 6:10 | 6:15 | 6:20 | 6:25 | 6:30 |
| | Rate: | 1050.4 | 1050.4 | 1050.3 | 1050.3 | 1050.3 | 1050.2 |
| | Time: | | | | | | |
| | Rate: | | | | | | |
| | Time: | | | | | | |
| | Rate: | | | | | | |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JUL 29 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Authorization to Commence Injection
EPA UIC Permit UT20642-08268
Well: Allen Federal 12-5-9-17
SWNW Sec. 5-T9S-R17E
Duchesne County, UT
API No.: 43-013-30611

Dear Mr. Guinn:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) July 6, 2010, letter with enclosures requesting an increase in the Maximum Allowable Injection Pressure (MAIP) for the Allan Federal 12-5-9-17 well. The enclosed Step Rate Test (SRT) and Radioactive Tracer Survey (RTS) results were reviewed and approved by EPA. Therefore, the MAIP for UIC Permit UT20642-08268 is hereby increased to 1,665 psig from the 1,545 psig previously authorized.

As of the date of this letter, EPA authorizes continued injection into the Allan Federal 12-5-9-17 well under the terms and conditions of UIC Permit UT20642-08268 at the MAIP of 1,665 psig.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a SRT that measures the fracture parting pressure and determines the fracture gradient at the injection depth and location. A current copy of EPA guidelines for running and interpreting a SRT will be sent upon request. Should the SRT result in a request for a higher MAIP, a RTS conducted at the new MAIP is required.

RECEIVED

AUG 04 2010

DIV. OF OIL, GAS & MINING

As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA Region 8 UIC Technical Enforcement Program Office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing the well name and UIC Permit number on all correspondence regarding this well:

US EPA, Region 8
Attn: Nathan Wiser
MC: ENF-UFO
1595 Wynkoop Street
Denver, CO 80202

For questions regarding notification, testing, monitoring, reporting or other permit requirements, Nathan Wiser of the UIC Technical Enforcement Program may be reached by calling 800-227-8917 (ext. 312-6211). Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit.

If you have any questions regarding this approval, please call Jason Deardorff at 303-312-6583 or 800-227-8917 (ext. 312-6583).

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Frances Poowegup, Vice-chairwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Irene Cuch, Councilwoman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

| | | |
|---|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252 |
| 1. TYPE OF WELL Water Injection Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | | 8. WELL NAME and NUMBER: ALLEN FED 12-5 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1830 FNL 0511 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 09.0S Range: 17.0E Meridian: S | | 9. API NUMBER: 43013306110000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/7/2015 <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 01/07/2015 the casing was pressured up to 1132 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1692 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08268 | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 15, 2015 | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | | DATE 1/14/2015 |

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 11/7/15Test conducted by: Britt JensenOthers present: Shannon Iazensky

Well Name: Allen 12-5-9-17 Type: ER SWD Status: AC TA UC
Field: Monument Butte
Location: S4NW Sec: 5 T 9S N/S R 17 E/W County: Duchesne State: Ut
Operator: Chris Walters
Last MIT: 1 Maximum Allowable Pressure: 1792 PSIG

Is this a regularly scheduled test?

☒ Yes ☐ No

Initial test for permit?

☐ Yes ☐ No

Test after well rework?

☐ Yes ☐ No

Well injecting during test?

☐ Yes ☒ NoIf Yes, rate: 20 bpdPre-test casing/tubing annulus pressure: 0/1692 psig

| MIT DATA TABLE | Test #1 | Test #2 | Test #3 |
|---|--|---|---|
| TUBING PRESSURE | | | |
| Initial Pressure | <u>1692</u> psig | psig | psig |
| End of test pressure | psig | psig | psig |
| CASING / TUBING ANNULUS PRESSURE | | | |
| 0 minutes | <u>1125.4</u> psig | psig | psig |
| 5 minutes | <u>1126</u> psig | psig | psig |
| 10 minutes | <u>1126.6</u> psig | psig | psig |
| 15 minutes | <u>1127</u> psig | psig | psig |
| 20 minutes | <u>1128</u> psig | psig | psig |
| 25 minutes | <u>1129</u> psig | psig | psig |
| 30 minutes | <u>1132</u> psig | psig | psig |
| _____ minutes | psig | psig | psig |
| _____ minutes | psig | psig | psig |
| RESULT | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

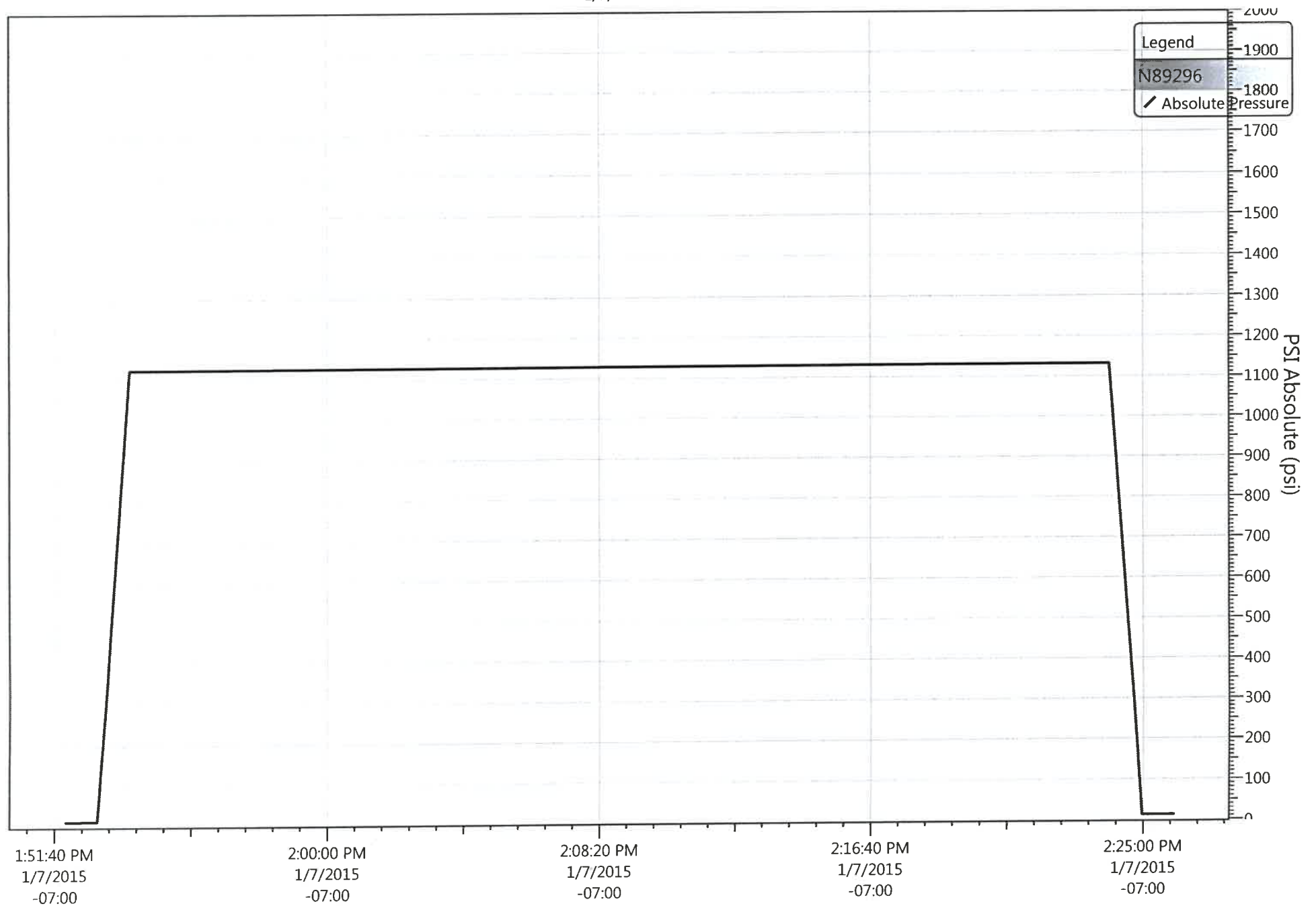
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Allen Federal 12-5-9-17 (5 year MIT)

1/7/2015 1:50:59 PM



Allen Federal #12-5-9-17

Spud Date: 11/11/81
Put on Injection: 1/24/82
GL: 5230' KB: 5244'

Initial Production: 94 STBOPD,
35 MCFD, 35 STBWP

SURFACE CASING

STRING: 1
CSG SIZE: 8 5/8"
GRADE: K-55
WEIGHT: 24 lbs
LENGTH: 7 jts @ 255'
DEPTH LANDED: 269' KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 200 sx, Class-H
Cemented to surface

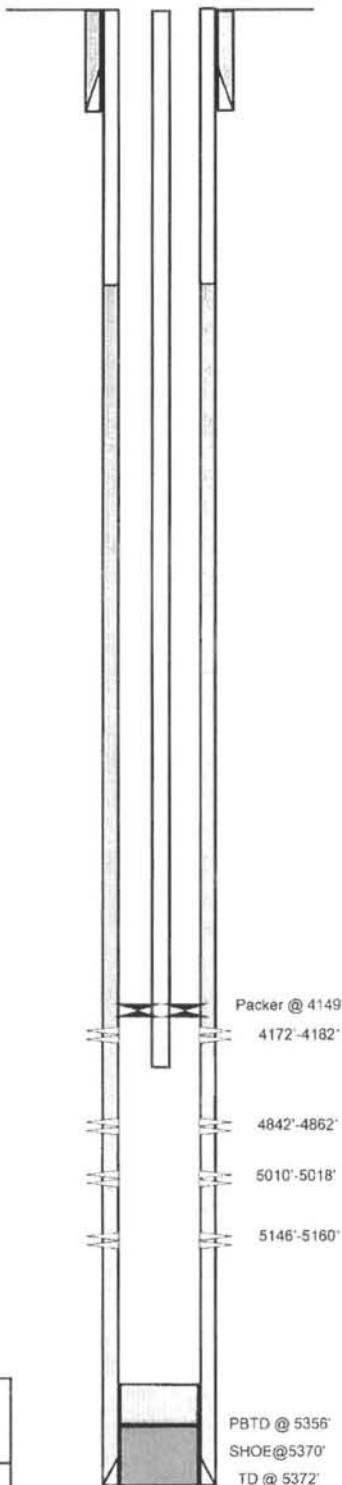
PRODUCTION CASING

STRING: 1
CSG SIZE: 5 1/2"
GRADE: K-55
WEIGHT: 15.5 lbs
LENGTH: 125 jts @ 5356'
DEPTH LANDED: 5370' KB, DV @ 3423'
D.V. TOOL: 3423'
HOLE SIZE: 7 7/8"
CEMENT DATA: 1050 sx, Class-H
CEMENT TOP AT: 1000' from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55 / 4.7#
NO. OF JOINTS: 132 jts (4127.8')
SEATING NIPPLE: 2 3/8" (1.1')
SN LANDED AT: 4142' KB
CE @ 4146' W/ 14' KB
TOTAL STRING LENGTH: EOT @ 4149' KB

Injection Wellbore Diagram



FRAC JOB

4172'-4182' Frac w/Halliburton on 1-2-82. 4600 gal Ver 1400 w/72,500 lbs 20-40 sd, Avg 20 BPM @ 1850 psig, max 2050 psig, ISIP @ 1800 psig, 15 min @ 1660 psig, 20 min @ 1640 psig.

4842'-4862' Frac w/Halliburton on 1-7-82. 40,000 gal Ver 1400 w/72,000 lbs 20-40 sd, Avg 25 BPM @ 1800 psig, max @ 2400 psig, ISIP @ 1850 psig, 15 min @ 1610 psig, 20 min @ 1580 psig.

5010'-5018' Frac w/Halliburton on 1-3-82. 24,370 gal Gel w/21,300 lbs 20-40 sd, Avg 10 BPM @ 4600 psig, max @ 7400 psig, ISIP @ 3400 psig, 20 min @ 1850 psig.

5146'-5160' Frac w/Halliburton on 1-9-82. 51,900 gal Ver 1400 w/72,500 lbs 20-40 sd, Avg 20.5 BPM @ 1950 psig, max @ 2250 psig, ISIP @ 1960 psig, 15 min @ 1690 psig, 20 min @ 1660 psig.

02/24/06 Pump Change update rod and tubing detail

05/27/08 Updated tubing and rod detail

01/30/10 Convert well to Injection

01/30/10 MIT completed and tbg updated

ACID JOB

4172'-4182' 1000 gal 15% HCl Acid
4842'-4862' 2000 gal 15% HCl Acid
5010'-5018' 1000 gal 15% HCl Acid
5146'-5160' 1500 gal 15% HCl Acid

PERFORATION RECORD

4172'-4182' (10') 2 SPF
4842'-4862' (20') 2 SPF
5010'-5018' (8') 2 SPF
5146'-5160' (14') 2 SPF

NEWFIELD

Allen Federal 12-5-9-17
1830' FNL & 511' FWL
SW/NW Section 5-T9S-R17E
Duchesne Co, Utah
API #43-013-30611; Lease #U-020252